DOCUMENT RESUME

ED 077 401 HE 004 207

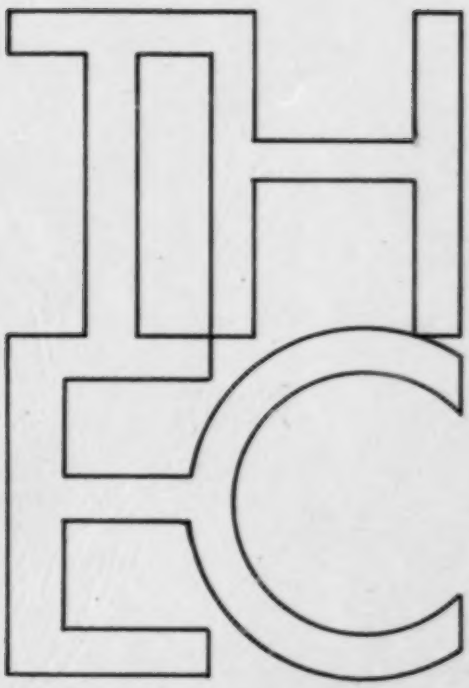
TITLE	An Analysis of Instructional Costs Per Student Credit Hour Fall Quarter 1971.
INSTITUTION	Tennessee Higher Education Commission, Nashville.
PUB DATE	Apr 73
NOTE	106p.
EDRS PRICE	MF-$0.65 HC-$6.58
DESCRIPTORS	*Budgeting; *Cost Effectiveness; *Educational Economics; Educational Finance; Educational Planning; *Higher Education; *Resource Allocations; Statewide Planning

ABSTRACT

The appropriations formula used by the Tennessee Higher Education to generate operating budget requests for the colleges and universities annually is dependent on a detailed study of instruction and departmental research costs. This publication contains the results of this cost study made in the fall of 1971. The basic unit of measurement that comes under scrutiny in the Commission's instructional cost study is the student credit hour. Professional salaries, support salaries, operating expenses, and equipment charges are allocated to the student credit hour so as to yield cost per hour by (1) academic program, (2) student class level, and (3) institution. From cost data collected by the various institutions, statewide average costs by student credit hour by program and by level are computed and used in the budget process to request instruction and departmental research monies that now comprise 54% of the operating budget for educational expenditures in the Tennessee public institutions. The cost per student credit hour is used additionally to identify high cost academic programs, and can thus be used in the internal management of the institution. (Author/HS)

ED 077401

AN ANALYSIS OF INSTRUCTIONAL COSTS, FALL QUARTER, 1971



TENNESSEE HIGHER EDUCATION COMMISSION

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

FILMED FROM BEST AVAILABLE COPY

ED 077401

AN ANALYSIS OF INSTRUCTIONAL COSTS PER STUDENT CREDIT HOUR FALL QUARTER 1971

A Report of the

TENNESSEE HIGHER EDUCATION COMMISSION

908 Andrew Jackson State Office Building
Nashville, Tennessee 37219

John K. Folger, Executive Director

State of Tennessee
Winfield Dunn, Governor

Commission Members

John R. Long, Chairman
Walter Armstrong, Jr.
T. B. Boyd, Jr.
E. Bruce Foster, Sr.
Sarah Elizabeth Hawkins
John M. Jones
Roland H. Myers
Scott Probasco, Jr.
Glenn Rainey

April, 1973

FOREWORD

The appropriations formula used by the Tennessee Higher Education Commission budget requests for the colleges and universities annually is dependent on a detai and departmental research costs. The following publication contains the results o in the fall of 1971.

The basic unit of measurement that comes under scrutiny in the Commission's " study" is the student credit hour. Professional salaries, support salaries, opera equipment charges are allocated to the student credit hour so as to yield costs pe demic program, (2) student class level, and (3) institution.

From cost data collected at the various institutions, statewide average costs hour by program and by level are computed and used in the budget process to reques departmental research monies which now comprise 54 percent of the operating budget itures in the public institutions in Tennessee. The cost per student credit hour to identify high cost academic programs, and can thus be used in the internal mana

The first cost study was made in the fall of the 1969-70 school year, and the afterward. The second cost study made in the fall of the 1971-72 school year and lication includes comparative data between the first and second studies.

It is the intention of the Commission to undertake a cost study in the fall t numbered year. As the cost study figures are updated they will be incorporated ir formula.

FOREWORD

ns formula used by the Tennessee Higher Education Commission to generate operating
he colleges and universities annually is dependent on a detailed study of instruction
arch costs. The following publication contains the results of this cost study made

f measurement that comes under scrutiny in the Commission's "instructional cost
credit hour. Professional salaries, support salaries, operating expenses, and
allocated to the student credit hour so as to yield costs per hour by: (1) aca-
udent class level, and (3) institution.
ollected at the various institutions, statewide average costs by student credit
y level are computed and used in the budget process to request instruction and
monies which now comprise 54 percent of the operating budget for educational expend-
institutions in Tennessee. The cost per student credit hour is used additionally
academic programs, and can thus be used in the internal management of the institutions.
tudy was made in the fall of the 1969-70 school year, and the results published
d cost study made in the fall of the 1971-72 school year and contained in this pub-
parative data between the first and second studies.
ion of the Commission to undertake a cost study in the fall term of every odd
e cost study figures are updated they will be incorporated into the THEC budget

An effort of this magnitude could not have been completed without the assis
at each of the institutions. We express our sincere appreciation for their majo
the Commission ranks, special acknowledgement is due Brenda Norman, an Education
responsible for overseeing this task. Credit is also due Wiley Lynch, Assistant
Services at the Commission, Larry Allen, a Systems Analyst, and John Hastie, an
their assistance and the aid of the computer, the study results would not have b

Jack C. Blanton
Associate Director for Fiscal

Nashville
April, 1973

is magnitude could not have been completed without the assistance of numerous persons tutions. We express our sincere appreciation for their major contribution. Within , special acknowledgement is due Brenda Norman, an Education Analyst who was primarily seeing this task. Credit is also due Wiley Lynch, Assistant Director for Computer ission, Larry Allen, a Systems Analyst, and John Hastie, an Education Analyst. Without the aid of the computer, the study results would not have been achievable.

Jack C. Blanton
Associate Director for Fiscal Affairs

TABLE OF CONTENTS

		Page
Foreword		i
List of Tables		iv
Introduction		1
Section I	Fall Quarter 1971 Costs Per Student Credit Hour	5
Section II	Comparison of 1969 and 1971 Costs Per Student Credit Hour	12
Section III	Detailed Tables	16

LIST OF TABLES

		Pages
Tables 1-5	Total Instructional Cost Per Student Credit Hour, Fall 1971 By Level	18-24
Tables 6-10	Comparison of 1969 and 1971 Cost By Level--Biological Sciences	25-31
Tables 11-15	Comparison of 1969 and 1971 Cost By Level--Business & Management	32-38
Tables 16-20	Comparison of 1969 and 1971 Cost By Level--Education	39-45
Tables 21-25	Comparison of 1969 and 1971 Cost By Level--Engineering	46-52
Tables 26-29	Comparison of 1969 and 1971 Cost By Level--Fine & Applied Arts	53-58
Tables 30-34	Comparison of 1969 and 1971 Cost By Level--Letters	59-65
Tables 35-39	Comparison of 1969 and 1971 Cost By Level--Mathematics	66-72
Tables 40-44	Comparison of 1969 and 1971 Cost By Level--Physical Sciences	73-79
Tables 45-49	Comparison of 1969 and 1971 Cost By Level--Psychology	80-86
Tables 50-54	Comparison of 1969 and 1971 Cost By Level--Social Sciences	87-93
Tables 55-59	Comparison of 1969 and 1971 Cost By Level--All Taxonomies	94-100

INTRODUCTION

The Tennessee Higher Education Commission, which was created by the 1967 Tennessee Legislature, has responsibility for studying the use of public funds in higher education, for developing policies and formulae utilized in the fair and equitable distribution of these funds, and for approving academic programs in view of the cost of the programs.

Accurate and comparable information on costs can provide a basis for developing statewide planning and financing systems for higher education. This report describes the development, procedures, and results of an information system used by the Higher Education Commission for collecting and analyzing instructional cost data from each public higher education institution in Tennessee.

The definitions and procedures used in the cost information system and resultant analyses were developed with the help of representatives from higher education institutions and consultants from states that have completed similar studies.

Since more than 50 percent of all public funds expended by the Tennessee public higher education institutions are for Instruction and Departmental Research, most of the cost analyses presented in this report are applicable to the costs of this function.

Instruction and Departmental Research costs include expenditures for all of the departments, colleges, schools, and instructional divisions of the institution. Salaries for deans, faculty members, secretaries, technicians, laboratory assistants, and graduate assistants, as well as office expenses, laboratory and instructional expenses, travel and equipment expenses are included in the Instruction and Departmental Research function.

All of the expenditures in Instruction and Departmental Research were allocated to the student credit hours which were produced at each institution. Average costs per student credit hour were calculated by academic area and by course level (freshman-sophomore, junior-senior, master's level, professional level law, and doctoral level) for each institution as well as for all institutions in the State. Each institution classified student credit hours using standardized academic areas defined by the U. S. Office of Education, and standardized course levels defined by the Tennessee Higher Education Commission. For example, all of the salaries, equipment, supplies and other expenditures of the math department at each institution were allocated to the student credit hours produced in the math department at that institution by course level; this allocation procedure produced an average cost per student credit hour for freshman-sophomore math, junior-senior math, master's level math, and doctoral level math for each institution. From this data statewide average costs per student credit hour were then calculated.

This analyses of cost per student credit hour has been used in many ways. The statewide average costs have been used in appropriations formulae developed by the Tennessee Higher Education Commission for determining public funding levels at each institution. The first instructional cost study analyzed data for the fall term of 1969. The statewide average costs per student credit hour by academic area and course level produced from this study were used to determine appropriations recommendations for 1971-72 and 1972-73. The cost study conducted for the fall term of 1971 was used to determine appropriations recommendations for 1973-74.

Since the data has been collected on a comparable statewide basis, the costs of courses in various academic areas and levels may be compared within an institution and among institutions. For example, it is possible to compare the average cost per student credit hour for freshman and sophomore mathematics courses for the fall term at all institutions. Thus, it is possible to identify academic programs which have high costs in comparison to similar academic programs at other institutions. Further, costs per student credit hour can be compared within an institution so that it is possible, for example, to compare the average costs per student credit hour of freshman-sophomore math courses with freshman-sophomore English courses.

All of the costs per student credit hour which are presented in this report are fall quarter hour costs. The figures represent only unrestricted funds (State appropriations, student fees, etc.). Restricted funds (Federal grants, private gifts, etc.) are not included.

Section I of this report analyzes costs per student credit hour for fall term 1971; a detailed analysis of cost for 1969 may be found in An Instructional Analysis of Tennessee Public Higher Education, Fall 1969. Section II compares costs per student credit hour for fall terms 1969 and 1971. Section III contains detailed tables presented by academic area, institution, and course level.

The following institutions were included in the study:

Institution	Location	Abbreviation
Austin Peay State University	Clarksville	APSU
East Tennessee State University	Johnson City	ETSU
Memphis State University	Memphis	MSU
Middle Tennessee State University	Murfreesboro	MTSU
Tennessee State University	Nashville	TSU
Tennessee Technological University	Cookeville	TTU

Institution	Location	Abbreviation
University of Tennessee at Chattanooga	Chattanooga	UT Chatt.
University of Tennessee at Knoxville	Knoxville	UT Knox.
University of Tennessee at Martin	Martin	UT Martin
University of Tennessee at Nashville	Nashville	UT Nash.
Cleveland State Community College	Cleveland	Cleve.
Columbia State Community College	Columbia	Col.
Dyersburg State Community College	Dyersburg	Dyers.
Jackson State Community College	Jackson	Jack.
Motlow State Community College	Tullahoma	Motlow
Roane State Community College	Rockwood-Harriman	Roane
Volunteer State Community College	Gallatin	Vol.
Walters State Community College	Morristown	Walters

The UT Medical Units were not included in the study.

All of the above institutions submitted data in the following manner.

Personnel: Information was submitted for all individuals employed in the Instruction and Departmental Research function--deans, departmental chairmen, faculty, counselors, students, and clerical and technical personnel. Data collected included social security number, salary, rank, department, age, sex, race, experience, highest degree earned, and distribution of effort in the activity categories of Instruction, Thesis and Dissertation Supervision, Academic Advising, Institutional Service, Departmental Research, Other Professional Services, and Other Support Effort.

Classes: Information was submitted for each class which was taught in the Instruction and Departmental Research function for the fall term. Data collected included social security number of personnel assigned to class, department, course level, academic area, credit hour value, instructiona medium, and number of students. Each class was reported in one of the following levels: lower level

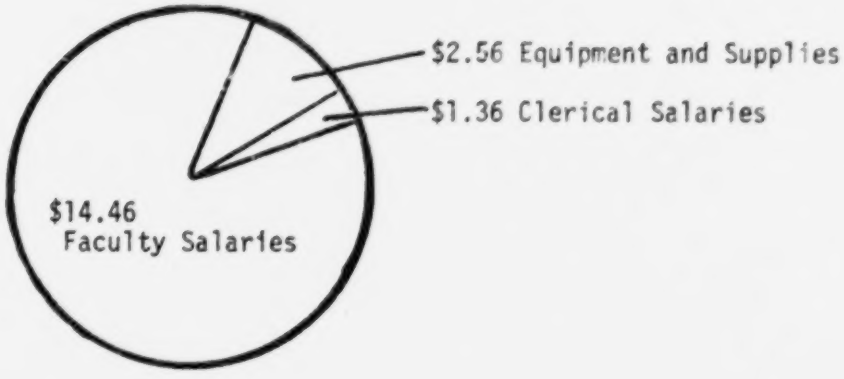
(freshman and sophomore), upper level (junior and senior), master's level, professional level (law only), doctoral level, remedial level, and continuing education level. The academic areas used are those published by the U. S. Office of Education in A Taxonomy of Instructional Programs.

Equipment and Supplies: Information was supplied on the basis of expenditures by department.

SECTION I

FALL QUARTER 1971 COSTS PER STUDENT CREDIT HOUR

Tennessee public higher education institutions produced over a million student credit hours for fall term 1971. The average cost to produce one student credit hour was $18.38. This cost per student credit hour can be further divided by type of expenditure as follows:



Seventy-nine percent ($14.46) of the instructional cost was for faculty salaries; 14 percent ($2.56) of the cost was for equipment and supplies, and 7 percent ($1.36) was for clerical salaries.

VARIATION IN COST BY LEVEL

There was considerable variance of cost by course level:

Freshman-sophomore cost per student credit hour	$ 13.53
Junior-senior cost per student credit hour	21.02
Master's level cost per student credit hour	52.36
Professional level (law) cost per student credit hour	15.16
Doctoral level cost per student credit hour	118.16

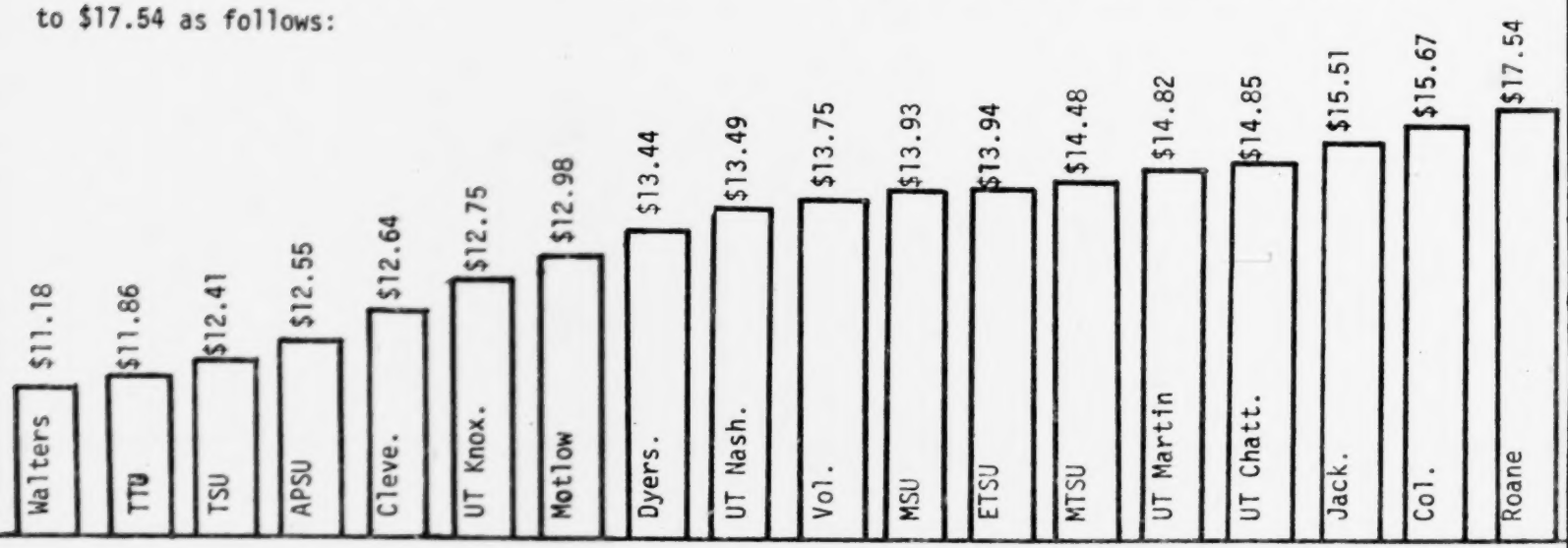
The average cost per junior-senior level student credit hour was almost 50 percent greater than the average freshman-sophomore level student credit hour while the master's level student credit hour was almost four times more expensive and the average doctoral level student credit hour was almost eight times more expensive. Two factors which contribute to this variance in costs by level are:

1. Differences in class sizes. The higher level courses tend to have lower enrollments which result in higher costs per student credit hour.

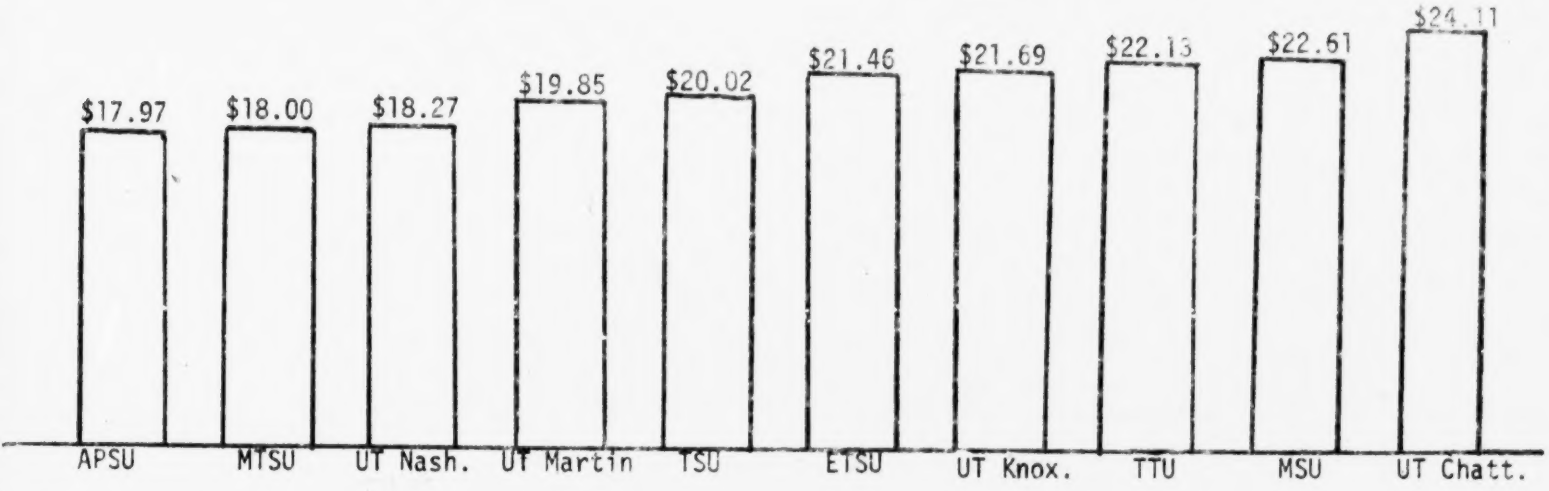
2. Specialized instruction. The higher level courses tend to require more specialized personnel and equipment which result in higher costs per student credit hour.

VARIATIONS IN COST BY INSTITUTION

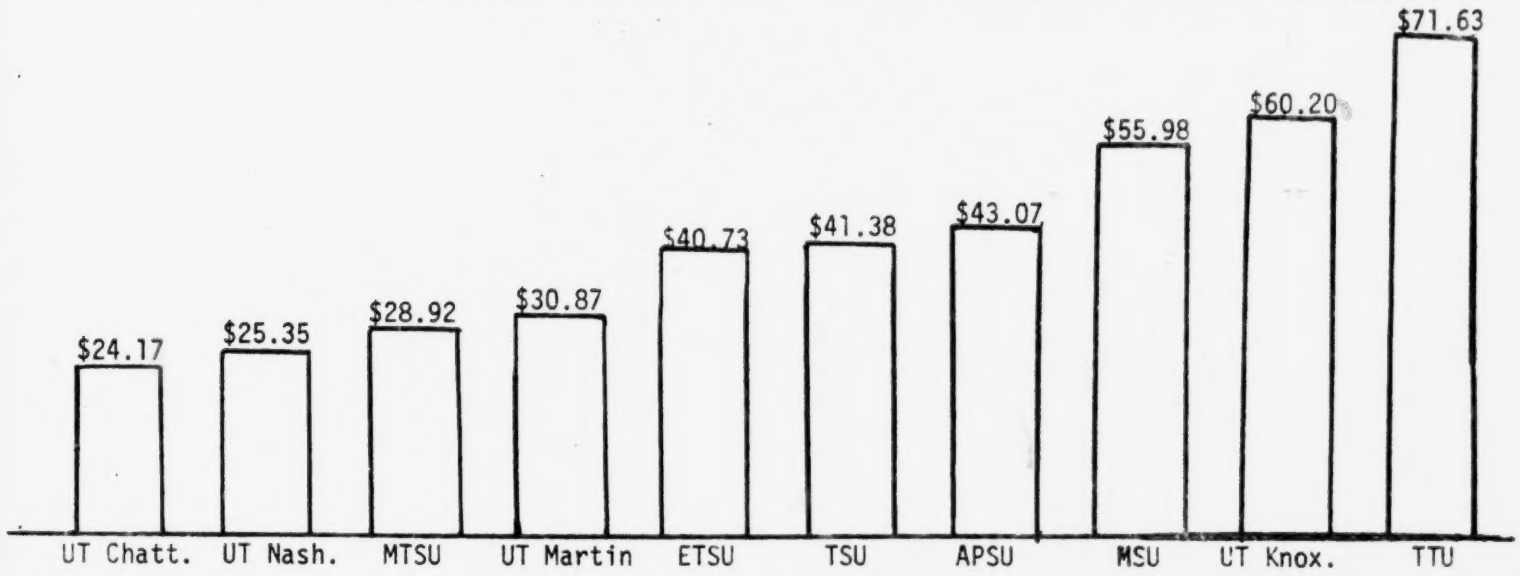
Average costs per freshman-sophomore student credit hour among institutions ranged from $11.18 to $17.54 as follows:



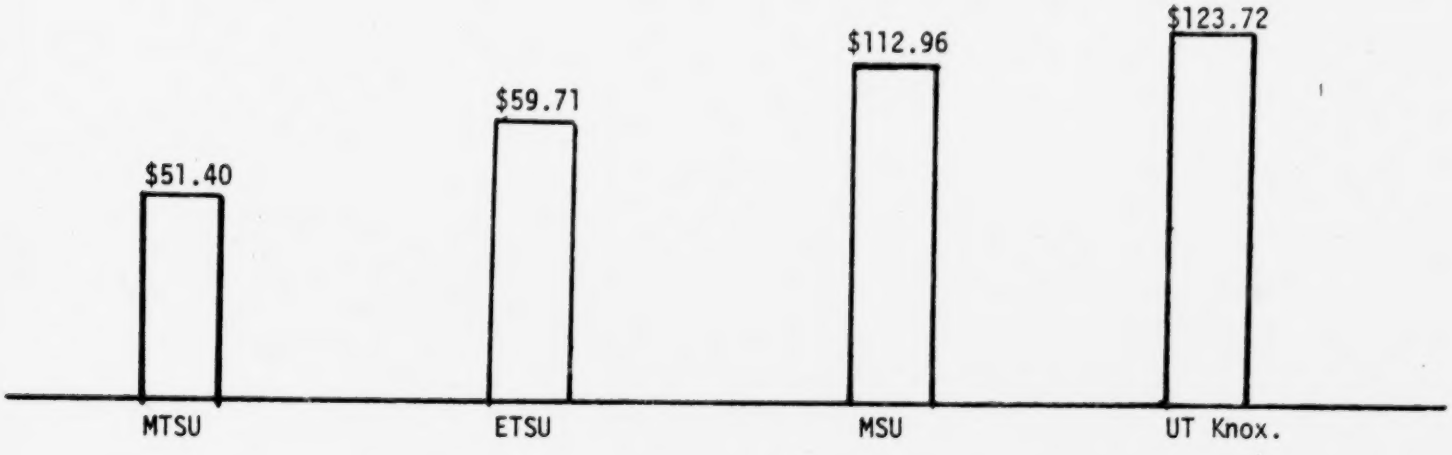
AVERAGE COSTS PER JUNIOR-SENIOR STUDENT CREDIT HOUR RANGED FROM $17.97 TO $24.11 AS FOLLOWS:



AVERAGE COSTS PER MASTER'S LEVEL STUDENT CREDIT HOUR RANGED FROM $24.17 TO $71.63 AS FOLLOWS:



AVERAGE COSTS PER DOCTORAL LEVEL STUDENT CREDIT HOUR RANGED FROM $51.40 TO $123.72 AS FOLLOWS:



Some of the factors which may account for these differences among institutions in cost per student credit hour are:

1. Differences in academic offerings. Institutions that offer a large number of programs in the scientific areas tend to have higher costs. For example, at the doctoral level, UT Knoxville and Memphis State have higher costs because of the science-related programs which they offer at this level.

2. Differences in utilization of personnel. Institutions utilizing low-cost teaching personnel, e.g., graduate assistants or large numbers of part-time personnel, tend to have lower costs in areas where these individuals teach.

3. Differences in instructional media. Institutions utilizing low-cost media, such as TV in some areas tend to have lower costs per student credit hour in these areas.

VARIATIONS IN COST BY ACADEMIC AREA

The average costs per student credit hour varied considerably among the various academic areas. In general, the science areas were considerably more expensive than the liberal arts areas. At the freshman-sophomore level, the two-year terminal technology programs were also more expensive than other areas. Statewide average costs per freshman-sophomore student credit hour by academic area were as follows:

Agriculture		$19.85
Architecture		27.72
Biological Sciences		12.79
Business & Management		11.19
Education		15.39
Engineering		30.73
Fine and Applied Arts		19.08
Foreign Languages		16.42
Health Professions		14.21
Home Economics		13.97
Letters (English)		11.38
Mathematics		12.06
Physical Sciences		16.24
Psychology		8.64
Public Affairs & Services		8.94
Social Sciences		9.35
Interdisciplinary Studies		16.26
Business & Commerce Technology	(2-year programs)	15.64
Data Processing Technology	(2-year programs)	53.95
Health Services & Paramedical Technology	(2-year programs)	37.41
Mechanical & Engineering Technology	(2-year programs)	36.58
Natural Science Technology	(2-year programs)	21.94

The highest costs per junior-senior student credit nour were in Engineering ($44), Foreign Languages ($39), Architecture ($35), Health Professions ($35), Physical Sciences ($34), and Fine and Applied Arts ($30). The lowest costs per student credit hour were in the areas of Psychology ($13),

Public Affairs & Services ($13), Social Sciences ($15), and Business and Management ($16).

The highest costs per student credit hour at the master's level were in Engineering ($129), Physical Sciences ($105), and Foreign Languages ($103). The lowest costs per student credit hour were in Education ($33), Psychology ($34), Business and Management ($41), and Library Science ($41).

The average cost per student credit hour professional law was $15.16. This low cost per student credit hour in law may be attributed largely to significant increases in law enrollments.

The highest costs per student credit hour at the doctoral level were in Engineering ($231), Physical Sciences ($192), Home Economics ($175), and Mathematics ($170). The lowest costs per student credit hour were in Psychology ($51), Letters ($75), and Education ($76).

Detailed costs by institution, academic area, and course level may be found in Section III.

SECTION II

COMPARISON OF 1969 AND 1971 COSTS PER STUDENT CREDIT HOUR

The average cost per student credit hour increased from $16.91 to $18.38 or 9 percent from fall 1969 to 1971. Much of this increase in cost may be attributed to increases in faculty salaries. There was some variation in cost increases by course level and by academic area.

VARIATION IN COST BY LEVEL AND INSTITUTION 1969 TO 1971

The average cost per freshman-sophomore student credit hour increased by $0.88 from 1969 to 1971 (from $12.65 to $13.53). This represents a 7 percent increase in cost. The numeric and percentage increases by institution are as follows:

Institution	1969	1971	Numeric Increase	% Increase
APSU	9.61	12.55	$ 2.94	31
ETSU	12.32	13.94	1.62	13
MSU	13.81	13.93	0.12	1
MTSU	13.48	14.48	1.00	7
TSU	12.33	12.41	0.08	1
TTU	11.07	11.86	0.79	7
UT Chatt.	13.20	14.85	1.65	13
UT Knoxville	12.24	12.75	0.51	4
UT Martin	11.12	14.82	3.70	33
UT Nashville	26.37	13.49	-12.88	-49
Total Universities	12.61	13.47	0.86	7

(Cont.) Institution	1969	1971	Numeric Increase	% Increase
Cleveland	12.92	12.64	$-0.28	-2
Columbia	12.58	15.67	3.09	25
Dyersburg	--	13.44	--	--
Jackson	14.63	15.51	0.88	6
Motlow	--	12.98	--	--
Roane	--	17.54	--	--
Volunteer	--	13.75	--	--
Walters	--	11.18	--	--
Total Community Colleges	13.31	14.11	0.80	6
Total All Institutions	12.65	13.53	0.88	7

The average cost per junior-senior student credit hour increased by $0.72 from 1969 to 1971 (from $20.30 to $21.02). This increase of 4 percent was about half the percentage increase in cost experienced at the freshman-sophomore level. The numeric and percentage increases by institution are as follows:

Institution	1969	1971	Numeric Increase	% Increase
APSU	16.91	17.97	$ 1.06	6
ETSU	21.26	21.47	0.21	1
MSU	20.16	22.61	2.45	12
MTSU	18.05	18.00	-0.05	--
TSU	17.47	20.02	2.55	15
TTU	19.64	22.13	2.49	13
UT Chatt.	22.33	24.11	1.78	8
UT Knoxville	22.14	21.69	-0.45	-2
UT Martin	17.06	19.85	2.79	16
UT Nashville	35.65	18.27	-17.38	-49
Total Universities	20.30	21.02	0.72	4

The average cost per master's student credit hour increased by $5.39 from 1969 to 1971 (from $46.97 to $52.36). This represents an 11 percent increase. The numeric and percentage increases by institution are as follows:

Institution	1969	1971	Numeric Increase	% Increase
APSU	36.04	43.07	$ 7.03	20
ETSU	43.63	40.73	-2.90	-7
MSU	43.64	55.98	12.34	28
MTSU	35.74	28.92	-6.82	-19
TSU	46.05	41.38	-4.67	-10
TTU	49.70	71.63	21.93	44
UT Chatt.	60.87	24.17	-36.70	-60
UT Knoxville	49.63	60.20	10.57	21
UT Martin	35.22	30.87	- 4.35	-12
UT Nashville	62.76	25.35	-37.41	-60
Total Universities	46.97	52.36	5.39	11

The average cost of professional level law decreased by $5.91 from $21.07 in 1969 to $15.16 in 1971. This 28 percent decrease can be attributed to the rapid growth in law school enrollments.

The average cost per doctoral level student credit hour increased by $6.43 from $111.73 on 1969 to $118.16 in 1971. This 6 percent increase by institution is as follows:

Institution	1969	1971	Numeric Increase	% Increase
ETSU	--	59.71	--	--
MSU	96.16	112.96	16.80	17
MTSU	--	51.40	--	--
UT Knoxville	112.77	123.72	10.95	10
Total Universities	111.73	118.16	6.43	6

COST VARIATIONS BY ACADEMIC AREA 1969 TO 1971

The largest increases in cost per student credit hour from 1969 to 1971 were in Engineering, Foreign Languages, Data Processing Technology, Mechanical Engineering Technology, and Natural Science Technology. It is important to note that the number of student credit hours produced in Engineering and Foreign Languages declined from 1969 to 1971.

Almost 90 percent of all student credit hours are produced in ten academic areas--Biological Sciences, Business and Management, Education, Engineering, Fine and Applied Arts, Letters, Mathematics, Physical Science, Psychology, and Social Science. A comparison of costs per student credit hour for 1969 to 1971 by course level for these academic areas by institution may be found in Section III.

SECTION III

DETAILED TABLES

Tables 1-5 show total instructional cost per student credit hour for fall 1971 by course level, academic area, and institution.

Tables 6-59 show comparative data for 1969 and 1971 by course level and institution for the following academic areas: Biological Sciences, Business and Management, Education, Engineering, Fine and Applied Arts, Letters, Mathematics, Physical Science, Psychology, and Social Sciences. Data shown on these tables includes:

a. Direct Teaching Cost Per Student Credit Hour. Only teaching salaries are included.

b. Total Instructional Cost Per Student Credit Hour. Teaching salaries, other faculty salaries, clerical salaries and equipment and supplies budgeted in the Instruction and Departmental Research budget function are included.

c. FTE Student - FTE Teaching Faculty Ratio. Undergraduate student credit hours produced by level were divided by fifteen and graduate student credit hours were divided by twelve to obtain FTE students. FTE teaching faculty was calculated by accumulating effort spent in teaching activities.

d. Student Credit Hours Produced Per FTE Teaching Faculty. Total hours produced fall term divided by number of FTE teaching faculty.

e. Student Credit Hours Produced. Total hours produced fall term.

f. Weighted Average Size of Class.

g. Average Salary Per FTE Teaching Faculty. Fall quarter salary.

h. Number of FTE Teaching Faculty.

TABLE 1
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 1 LOWER LEVEL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	KN
AGRICULTURE	25.43			10.31	23.33	26.32		16
ARCHITECTURE								27
AREA STUDIES							10.97	33
BIOLOGICAL SCIENCES	10.02	13.38	9.52	14.22	11.50	7.92	15.88	19
BUSINESS & MANAGEMENT	9.65	13.83	12.30	14.04	9.59	10.27	13.44	9
COMMUNICATIONS		12.27	26.43	37.96				27
COMPUTER SCIENCES		15.04			9.72	44.31		9
EDUCATION	14.04	14.17	17.62	13.07	12.75	13.76	17.24	16
ENGINEERING		26.43	32.15	18.47	34.25	24.55	46.25	33
FINE AND APPLIED ARTS	20.96	16.35	17.26	28.53	18.13	27.06	23.33	19
FOREIGN LANGUAGES	15.47	21.68	15.53	22.93	14.33	19.60	17.18	14
HEALTH PROFESSIONS		11.16	90.12		5.68			29
HOME ECONOMICS	34.06	15.71	11.87	14.51	23.53	12.56	9.44	17
LAW								
LETTERS	11.90	12.22	11.84	13.59	10.47	8.82	12.93	10
LIBRARY SCIENCE					4.11			
MATHEMATICS	11.68	15.92	14.26	17.01	8.74	11.23	13.08	9
MILITARY SCIENCE	10.65	2.57	1.66	3.37		4.68	17.02	5
PHYSICAL SCIENCE	16.32	23.21	19.87	14.61	19.04	11.17	18.10	15
PSYCHOLOGY	6.95	10.03	10.54	8.33	14.88	9.48	12.75	6
PUBLIC AFFAIRS AND SERVICES		5.72	16.48		11.78			
SOCIAL SCIENCES	8.63	9.55	9.97	12.50	7.79	8.91	11.56	7
THEOLOGY								
INTERDISCIPLINARY STUDIES		14.05				8.88	1.15	18
BUSINESS & COMMERCE TECH.					18.18			
DATA PROCESSING TECH.							9.03	
HEALTH SERVICES & PARAMEDICAL	79.86	60.48	24.25	43.96	31.67			49
MECHANICAL & ENGINEERING TECH								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH				194.17				
TOTAL	12.55	13.94	13.93	14.48	12.41	11.86	14.85	12

TABLE 1
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 1 LOWER LEVEL
08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.43			10.31	23.33	26.32		16.05	23.70		19.08
							27.72			27.72
						10.97	33.36			13.80
10.02	13.38	4.52	14.22	11.50	7.92	15.88	19.08	9.61	12.86	13.12
9.65	13.83	12.30	14.04	9.59	10.97	13.44	9.62	16.69	10.53	11.60
	12.27	26.43	37.96				23.29	11.56	12.66	21.19
	15.04			9.72	44.31		5.49	12.50		10.39
14.04	14.17	17.62	13.07	12.75	13.76	17.24	16.11	20.33	20.32	15.32
	26.43	32.15	18.47	34.25	24.55	46.25	33.42	38.24	21.54	30.72
20.96	16.35	17.26	28.53	18.13	27.06	23.33	15.87	32.49	9.44	19.20
15.47	21.68	15.53	22.93	14.33	19.60	17.18	16.03	14.29	9.99	16.27
	11.16	90.12		5.68			29.55			14.21
34.06	15.71	11.87	14.51	23.53	12.56	9.44	12.69	15.84		13.80
11.90	12.22	11.84	13.59	10.47	8.82	12.93	10.50	12.12	10.51	11.45
				4.11						4.11
11.68	15.92	14.26	17.01	8.74	11.23	13.08	9.02	12.28	13.89	12.08
10.65	2.57	1.66	3.37		4.68	17.02	3.28	6.43		3.36
16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.46	12.28	14.46	16.17
6.95	10.03	10.54	8.33	14.88	9.48	12.75	6.63	8.50	5.64	8.98
	5.72	16.48		11.78						8.55
8.63	9.55	9.97	12.50	7.79	8.91	11.56	7.02	10.95	6.91	9.32
	14.05				8.88	1.15	18.31	34.79		16.14
				18.18						18.18
						9.03				9.03
79.86	60.48	24.25	43.96	31.67			49.66	38.31	41.01	40.55
			194.17							194.17
12.55	13.94	13.93	14.48	12.41	11.86	14.85	12.75	14.82	13.49	13.47

f. Weighted Average Size of Class.

g. Average Salary Per FTE Teaching Faculty. Fall quarter salary.

h. Number of FTE Teaching Faculty.

TABLE 1
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 1 LOWER LEVEL
08/05/72

TAXONOMY	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
AGRICULTURE			65.83	37.51				
ARCHITECTURE								
AREA STUDIES								
BIOLOGICAL SCIENCES	8.45	9.30	10.01	13.87	11.97	14.72	7.59	14.22
BUSINESS & MANAGEMENT	7.43	7.17	5.71	10.22	8.71	10.44		8.73
COMMUNICATIONS				17.14				
COMPUTER SCIENCES								
EDUCATION	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46
ENGINEERING						62.54		
FINE AND APPLIED ARTS	15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97
FOREIGN LANGUAGES	21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72
HEALTH PROFESSIONS								
HOME ECONOMICS				30.99			30.85	
LAW								
LETTERS	11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21
LIBRARY SCIENCE								4.67
MATHEMATICS	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15
MILITARY SCIENCE								
PHYSICAL SCIENCE	13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PSYCHOLOGY	6.14	6.38	7.98	5.70	5.73	10.28	6.15	8.36
PUBLIC AFFAIRS AND SERVICES	25.98							
SOCIAL SCIENCES	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75
THEOLOGY								
INTERDISCIPLINARY STUDIES	22.85					23.06	43.51	
BUSINESS & COMMERCE TECH.	13.02	17.73	22.50	16.09	14.76	22.81	11.61	19.00
DATA PROCESSING TECH.	56.18	67.42	43.68	60.81	79.47		44.30	
HEALTH SERVICES & PARAMEDICAL	27.68	27.11		33.70				
MECHANICAL & ENGINEERING TECH	26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40
NATURAL SCIENCE TECH.		21.94					15.21	19.65
PUBLIC SERVICE RELATED TECH	7.57							9.48
TOTAL	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18

TABLE 1
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 1 LOWER LEVEL
08/05/72

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
		65.83	37.51					46.73	19.85
									27.72
									13.80
8.45	9.30	10.01	13.87	11.97	14.72	7.59	14.22	10.32	12.79
7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	11.19
			17.14					17.14	21.16
									10.39
18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	15.39
					62.54				30.72
15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.72	19.08
21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72	20.11	16.42
									14.21
			30.99			30.85		30.99	13.97
11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21	10.73	11.38
							4.67		4.11
12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	12.06
									3.36
13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	16.24
6.14	6.38	7.98	5.70	5.73	10.28	6.15	8.36	6.28	8.64
25.98								25.98	8.94
8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75	9.68	9.35
22.85					23.06	43.51		22.85	16.24
13.02	17.73	22.50	16.09	14.76	22.81	11.61	19.00	15.53	15.64
56.18	67.42	43.68	60.81	79.47		44.30		61.34	53.95
27.68	27.11		33.70					28.11	37.41
26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40	36.58	36.58
	21.94					15.21	19.65	21.94	21.94
7.57							9.48	7.57	14.80
12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18	14.11	13.53

TABLE 2
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 2 UPPER LEVEL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE	25.85			18.93	25.75	35.22		22.41
ARCHITECTURE								35.18
AREA STUDIES							9.05	
BIOLOGICAL SCIENCES	16.44	27.33	17.18	13.39	27.16	13.27	40.04	24.76
BUSINESS & MANAGEMENT	11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.36
COMMUNICATIONS		26.40	30.48	21.84				34.71
COMPUTER SCIENCES		24.08	14.09	18.34	6.74			17.61
EDUCATION	17.29	19.45	20.24	19.48	25.80	19.80	27.35	17.49
ENGINEERING		34.33	52.59	29.84	54.95	42.43	43.43	45.61
FINE AND APPLIED ARTS	32.68	25.74	33.01	23.96	54.94	19.20	29.37	34.34
FOREIGN LANGUAGES	105.41	38.52	28.75	33.46	100.94	95.57	67.85	35.15
HEALTH PROFESSIONS		34.66	368.67	37.64	11.35			31.54
HOME ECONOMICS	41.36	43.09	14.80	27.25	41.01	17.62	11.27	22.56
LAW								
LETTERS	19.23	21.72	22.19	16.59	15.83	18.96	26.38	15.55
LIBRARY SCIENCE	26.79	27.73	29.60	11.54	14.24	15.66		28.69
MATHEMATICS	23.56	35.74	23.20	19.97	18.53	20.54	36.45	18.56
MILITARY SCIENCE	16.06	4.46	3.17	4.32		5.71	17.60	2.95
PHYSICAL SCIENCE	32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.66
PSYCHOLOGY	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96
PUBLIC AFFAIRS AND SERVICES		11.77	32.96	11.70	5.68			
SOCIAL SCIENCES	12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34
THEOLOGY								
INTERDISCIPLINARY STUDIES		16.09					4.47	38.07
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								86.02
MECHANICAL & ENGINEERING TECH								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH								
TOTAL	17.97	21.46	22.61	18.00	20.02	22.13	24.11	21.69

TABLE 2
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 2 UPPER LEVEL
08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.85			18.33	25.75	35.22		22.41	26.75		23.60
							35.18			35.18
						9.05				9.05
16.44	27.33	17.18	13.39	27.16	13.27	40.04	24.76	20.90	35.84	21.04
11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.36	16.46	14.53	16.02
	26.40	30.48	21.84				34.71	35.79	23.36	29.86
	24.08	14.09	18.34	6.74			17.61	15.45		16.26
17.29	19.45	20.24	19.48	25.80	19.80	27.35	17.49	19.33	17.98	19.38
	34.33	52.59	29.84	54.95	42.43	43.43	45.61	45.24	30.05	44.39
32.68	25.74	33.01	23.96	54.94	19.20	29.37	34.34	36.16	37.52	30.15
105.61	38.52	28.75	33.46	100.94	95.57	67.85	35.15	37.45	22.76	38.56
	34.66	368.67	37.64	11.35			31.54			35.20
41.36	43.09	14.80	27.25	41.01	17.62	11.27	22.56	31.12		24.83
19.23	21.72	22.19	16.59	15.83	18.96	26.38	15.55	17.60	25.86	18.57
26.79	27.73	29.60	11.54	14.24	15.66		28.69	10.84	34.83	24.59
23.56	35.74	23.20	19.97	18.53	20.54	36.45	18.56	20.73	42.77	22.29
16.06	4.46	3.17	4.32		5.71	17.60	2.95	6.41		4.47
32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.66	33.12	21.60	33.88
14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96	16.57	8.60	12.63
	11.77	32.96	11.70	5.68				8.73		12.76
12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34	13.78	16.05	14.67
									24.42	24.42
	16.09					4.47	38.07			15.12
							86.02			86.02
17.97	21.46	22.61	18.00	20.02	22.13	24.11	21.69	19.85	18.27	21.02

TABLE 3
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVELS 3 & 5 MASTERS AND PROFESSIONAL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE				33.84	92.40			79.90
ARCHITECTURE								79.55
AREA STUDIES								
BIOLOGICAL SCIENCES	61.21	52.91	110.61	34.72	130.35	66.72	180.40	92.45
BUSINESS & MANAGEMENT		31.09	83.18	35.01			17.50	37.45
COMMUNICATIONS			32.38					61.96
COMPUTER SCIENCES		54.96	21.62	20.98				37.03
EDUCATION	31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49
ENGINEERING		56.43	105.37	18.48		206.40		121.04
FINE AND APPLIED ARTS	168.09	51.62	91.60	43.03	129.07			89.02
FOREIGN LANGUAGES			108.27		256.21			94.69
HEALTH PROFESSIONS		30.14	38.15	19.30	28.38			73.60
HOME ECONOMICS				61.46	205.82			75.82
LAW			10.44					19.46
LETTERS	84.02	48.97	55.84	30.50	75.85	76.72		57.58
LIBRARY SCIENCE		45.85	25.40	26.43		23.54		45.30
MATHEMATICS	167.84	25.46	70.74	46.64		66.37	60.65	55.59
MILITARY SCIENCE								2.87
PHYSICAL SCIENCE		337.50	75.85	115.61	498.67	87.77		106.01
PSYCHOLOGY	27.77	37.77	74.46	16.88	17.09	22.51		39.05
PUBLIC AFFAIRS AND SERVICES		97.06		27.75				49.00
SOCIAL SCIENCES	36.85	54.76	54.96	36.11	44.37	78.39		60.79
THEOLOGY								
INTERDISCIPLINARY STUDIES								86.52
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								
MECHANICAL & ENGINEERING TECH								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH								
TOTAL	43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20

TABLE 3
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVELS 3 & 5 MASTERS AND PROFESSIONAL
08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
			33.84	92.40			79.90			81.22
							79.55			79.55
61.21	52.91	110.61	34.72	130.35	66.72	180.40	92.45			80.09
	31.09	83.18	35.01			17.50	37.45	50.26	21.76	40.87
		32.38					61.96			50.35
	54.96	21.62	20.98				37.03			34.18
31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49	25.28	21.48	33.03
	56.43	105.37	18.48		206.40		121.04		74.53	129.26
168.09	51.62	91.60	43.03	129.07			89.02			88.36
		108.27		256.21			94.69	184.35		103.12
	30.14	38.15	19.30	28.38			73.60			43.71
			61.46	205.82			75.82	119.24		78.37
		10.44					19.46			15.16
84.02	48.97	55.84	30.50	75.85	76.72		57.58			54.93
	45.85	25.40	26.43		23.54		45.30			40.88
167.84	25.46	70.74	46.64		66.37	60.65	55.59		45.06	54.88
							2.87			2.87
	337.50	75.85	115.61	498.67	87.77		106.01			104.98
27.77	37.77	74.46	16.88	17.09	22.51		39.05		20.91	34.04
	97.06		27.75				49.00		33.60	48.39
36.85	54.76	54.96	36.11	44.37	78.39		60.79			54.59
							86.52			86.52
43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20	30.87	25.35	52.36

TABLE 4
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 4 DOCTORAL
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE								147.67
ARCHITECTURE								
AREA STUDIES								
BIOLOGICAL SCIENCES								158.41
BUSINESS & MANAGEMENT								147.75
COMMUNICATIONS								
COMPUTER SCIENCES								
EDUCATION		59.71	95.57	42.92				78.68
ENGINEERING								231.16
FINE AND APPLIED ARTS								
FOREIGN LANGUAGES								137.73
HEALTH PROFESSIONS								87.93
HOME ECONOMICS								175.09
LAW								
LETTERS				108.54				73.69
LIBRARY SCIENCE								
MATHEMATICS								170.36
MILITARY SCIENCE								
PHYSICAL SCIENCE			141.93					203.42
PSYCHOLOGY			114.74					46.94
PUBLIC AFFAIRS AND SERVICES								
SOCIAL SCIENCES			301.21	81.04				106.04
THEOLOGY								
INTERDISCIPLINARY STUDIES								96.93
BUSINESS & COMMERCE TECH.								
DATA PROCESSING TECH.								
HEALTH SERVICES & PARAMEDICAL								
MECHANICAL & ENGINEERING TECH								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH								
TOTAL		59.71	112.96	51.40				123.72

TABLE 4
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
LEVEL 4 DOCTORAL
08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							147.67			147.67
							158.41			158.41
							147.75			147.75
	59.71	95.57	42.92				78.68			76.27
							231.16			231.16
							137.73			137.73
							87.93			87.93
							175.09			175.09
			108.54				73.69			75.21
							170.36			170.36
		141.93					203.42			191.73
		114.74					46.94			51.29
		301.21	81.04				106.04			108.84
							96.93			96.93
	59.71	112.96	51.40				123.72			118.16

TABLE 5
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
TOTAL ALL LEVELS
08/05/72

TAXONOMY	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.
AGRICULTURE	25.66			16.85	32.30	30.57		34.15
ARCHITECTURE								35.65
AREA STUDIES							10.15	33.36
BIOLOGICAL SCIENCES	13.68	18.04	15.01	15.42	15.62	12.25	20.60	29.59
BUSINESS & MANAGEMENT	10.45	16.06	18.11	16.43	9.78	11.92	13.11	16.17
COMMUNICATIONS		16.12	28.38	26.67				32.38
COMPUTER SCIENCES		20.99	14.18	18.47	7.33	44.31		12.11
EDUCATION	17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.30
ENGINEERING		32.19	46.43	22.48	44.65	51.24	45.14	57.90
FINE AND APPLIED ARTS	25.99	19.27	23.34	26.33	25.15	24.23	24.29	21.54
FOREIGN LANGUAGES	25.23	26.16	19.16	25.58	22.23	24.53	19.62	24.17
HEALTH PROFESSIONS		29.04	48.27	37.25	11.64			42.68
HOME ECONOMICS	40.02	22.11	12.49	20.99	33.55	14.31	10.07	26.95
LAW			10.44					19.46
LETTERS	13.96	14.18	13.64	14.64	11.97	10.13	14.95	13.16
LIBRARY SCIENCE	26.79	35.57	29.47	13.49	5.34	18.90		35.18
MATHEMATICS	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39
MILITARY SCIENCE	11.94	2.89	1.92	3.52		4.97	17.34	3.07
PHYSICAL SCIENCE	19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35
PSYCHOLOGY	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98
PUBLIC AFFAIRS AND SERVICES		10.85	24.95	14.98	6.29			49.00
SOCIAL SCIENCES	10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.71
THEOLOGY								
INTERDISCIPLINARY STUDIES		14.58				8.88	1.48	69.56
BUSINESS & COMMERCE TECH.					18.18			
DATA PROCESSING TECH.							9.03	
HEALTH SERVICES & PARAMEDICAL	79.86	60.48	24.25	43.96	31.67			56.12
MECHANICAL & ENGINEERING TECH								
NATURAL SCIENCE TECH.								
PUBLIC SERVICE RELATED TECH				194.17				
TOTAL	15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.93

TABLE 5
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
TOTAL ALL LEVELS
08/05/72

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.66			16.85	32.30	30.57		34.15	25.04		29.27
							35.65			35.65
						10.15	33.36			11.93
13.68	18.04	15.01	15.42	15.62	12.25	20.60	29.59	11.85	13.94	18.56
10.45	16.06	18.11	16.43	9.78	11.92	13.11	16.17	16.87	13.43	15.61
	16.12	28.38	26.67				32.38	18.52	16.37	26.16
	20.99	14.18	18.47	7.33	44.31		12.11	12.70		15.13
17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.30	20.42	19.83	20.80
	32.19	46.43	22.48	44.65	51.24	45.14	57.90	39.22	31.83	49.33
25.99	19.27	23.34	26.33	25.15	24.23	24.29	21.54	32.60	12.32	23.17
25.23	26.16	19.16	25.58	22.23	24.53	19.62	24.17	17.35	11.46	21.68
	29.04	48.27	37.25	11.64			42.68			34.07
40.02	22.11	12.49	20.99	33.55	14.31	10.07	26.95	24.08		22.33
		10.44					19.46			15.16
13.96	14.18	13.64	14.64	11.97	10.13	14.95	13.16	12.60	11.34	13.31
26.79	35.57	29.47	13.49	5.34	18.70		35.18	10.84	34.83	28.33
14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39	12.71	16.07	14.57
11.94	2.89	1.92	3.52		4.97	17.34	3.07	6.42		3.71
19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35	14.41	15.31	22.65
10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98	10.13	6.94	12.85
	10.85	24.95	14.98	6.29			49.00	8.73	33.60	25.27
10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.71	11.50	8.18	12.29
									24.42	24.42
	14.58				8.88	1.48	69.56	34.79		24.43
				18.18						18.18
						9.03				9.03
79.86	60.48	24.25	43.96	31.67			56.12	38.31	41.01	41.75
			194.17							194.17
15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.93	16.40	15.57	18.66

TABLE 5
TOTAL INSTRUCTIONAL COST PER STUDENT CREDIT HOUR
TOTAL ALL LEVELS
08/05/72

TAXONOMY	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
AGRICULTURE			65.83	37.51					46.73	29.46
ARCHITECTURE										35.65
AREA STUDIES										11.93
BIOLOGICAL SCIENCES	8.45	9.30	10.01	13.87	11.97	14.72	7.59	14.22	10.32	17.81
BUSINESS & MANAGEMENT	7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	15.23
COMMUNICATIONS				17.14					17.14	26.13
COMPUTER SCIENCES										15.13
EDUCATION	18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	20.62
ENGINEERING						62.54				49.33
FINE AND APPLIED ARTS	15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.72	22.83
FOREIGN LANGUAGES	21.15	17.08	30.07	18.76	12.01	16.13	26.81	14.72	20.11	21.82
HEALTH PROFESSIONS										34.07
HOME ECONOMICS				30.99			30.85		30.99	22.37
LAW										15.16
LETTERS	11.62	9.99	10.75	10.68	10.20	13.30	9.89	9.21	10.73	13.09
LIBRARY SCIENCE								4.67		28.33
MATHEMATICS	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	14.37
MILITARY SCIENCE										3.71
PHYSICAL SCIENCE	13.01	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	22.46
PSYCHOLOGY	6.14	6.38	7.58	5.70	5.73	10.28	6.15	8.36	6.28	12.31
PUBLIC AFFAIRS AND SERVICES	25.98								25.98	25.27
SOCIAL SCIENCES	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.75	9.68	12.14
THEOLOGY										24.42
INTERDISCIPLINARY STUDIES	22.85					23.06	43.51		22.85	24.42
BUSINESS & COMMERCE TECH.	13.02	17.73	22.50	16.09	14.76	22.81	11.61	19.00	15.53	15.64
DATA PROCESSING TECH.	56.18	67.42	43.68	60.81	79.47		44.30		61.34	53.95
HEALTH SERVICES & PARAMEDICAL	27.68	27.11		33.70					28.11	38.37
MECHANICAL & ENGINEERING TECH	26.14	44.84	51.49	33.43	23.77	48.99	50.34	13.40	36.58	36.58
NATURAL SCIENCE TECH.		21.94					15.21	19.65	21.94	21.94
PUBLIC SERVICE RELATED TECH	7.57							9.48	7.57	14.80
TOTAL	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18	14.11	18.38

TABLE 6
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	6.37	6.81	6.41	7.30	7.66	4.72	8.13	5.87
	1971	7.31	8.51	5.10	9.13	6.56	4.42	9.25	7.63
PERCENT CHANGED		14.85	24.92	-20.36	25.14	-14.36	-6.27	13.77	29.91
TOTAL INSTRUCTIONAL	1969	9.31	10.85	10.72	14.09	16.08	9.14	12.58	16.78
	1971	10.02	13.38	9.52	14.22	11.50	7.92	15.88	19.08
PERCENT CHANGED		7.57	23.26	-11.22	.92	-28.50	-13.39	26.22	13.69
FTE STDNT-FACULTY RATIO	1969	47.24	26.45	25.71	26.07	29.21	40.18	24.78	28.23
	1971	29.93	29.93	34.47	24.73	35.78	33.88	27.94	23.09
PERCENT CHANGED		-36.64	13.17	34.04	-5.13	22.49	-.74	12.73	-18.21
STCHRS / FTE TEACH-FAC	1969	708.61	396.68	385.71	391.08	438.07	602.63	371.72	423.41
	1971	448.95	448.95	517.05	371.00	536.63	598.14	419.05	346.33
PERCENT CHANGED		-36.64	13.18	34.05	-5.13	22.50	-.74	12.73	-18.21
STUDENT CRHRS PRODUCED	1969	2,585	6,005	10,038	6,073	2,985	3,579	1,998	12,174
	1971	3,091	6,965	10,055	7,394	4,146	3,800	2,547	12,716
PERCENT CHANGED		19.57	15.99	.17	21.75	38.89	6.17	27.48	4.45
WEIGHTED AVG. CLASS SIZE	1969	27	36	34	35	30	52	42	23
	1971	39	32	39	28	27	48	45	19
PERCENT CHANGED		45.96	-12.18	14.65	-19.29	-8.76	-8.34	7.26	-13.17
AVG. SALARY/FTE TEACH	1969	4,512	2,701	2,472	2,854	3,354	2,843	3,022	2,486
	1971	3,283	3,819	2,639	3,389	3,519	2,644	3,876	2,643
PERCENT CHANGED		-27.23	41.38	6.75	18.73	4.90	-6.98	28.26	6.28
NO. OF FTE TEACHING FAC.	1969	3.648	15.138	26.025	15.529	6.814	5.939	5.375	28.752
	1971	6.885	15.514	19.447	19.930	7.726	6.353	6.078	36.717
PERCENT CHANGED		88.73	2.48	-25.28	28.34	13.38	6.97	13.08	27.70

TABLE 6
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
6.37	6.81	6.41	7.30	7.66	4.72	8.13	5.87	6.32	6.82	6.45
7.31	8.51	5.10	9.13	6.56	4.42	9.25	7.63	5.88	8.87	7.09
14.85	24.92	-20.36	25.14	-14.36	-6.27	13.77	29.91	-7.08	30.02	10.01
9.31	10.85	10.72	14.09	16.08	9.14	12.58	16.78	8.63	18.81	12.63
10.02	13.38	9.52	14.22	11.50	7.92	15.88	19.08	9.61	12.86	13.12
7.57	23.26	-11.22	.92	-28.50	-13.39	26.22	13.69	11.37	-31.64	3.93
47.24	26.45	25.71	26.07	29.21	40.18	24.78	28.23	32.81	32.32	28.69
29.93	29.93	34.47	24.73	35.78	39.88	27.94	23.09	37.93	24.86	29.16
-36.64	13.17	34.04	-5.13	22.49	-.74	12.73	-18.21	15.60	-23.06	1.63
708.61	396.68	385.71	391.08	438.07	602.63	371.72	423.41	492.20	484.73	430.33
448.95	448.95	517.05	371.00	536.63	598.14	419.05	346.33	568.98	372.92	437.34
-36.64	13.18	34.05	-5.13	22.50	-.74	12.73	-18.21	15.60	-23.07	1.63
2,585	6,005	10,038	6,073	2,985	3,579	1,998	12,174	5,266	365	51,068
3,091	6,965	10,055	7,394	4,146	3,800	2,547	12,716	5,687	807	57,208
19.57	15.99	.17	21.75	38.89	6.17	27.48	4.45	7.99	121.10	12.02
27	36	34	35	30	52	42	23	43	26	31
39	32	39	28	27	48	45	19	47	34	30
45.96	-12.18	14.65	-19.29	-8.76	-8.34	7.26	-13.17	9.68	28.43	-4.33
4,512	2,701	2,472	2,854	3,354	2,843	3,022	2,486	3,113	3,308	2,775
3,283	3,819	2,639	3,389	3,519	2,544	3,876	2,643	3,343	3,309	3,103
-27.23	41.38	6.75	18.73	4.90	-6.98	28.26	6.28	7.40	.06	11.82
3.648	18.138	26.025	15.529	6.814	5.939	5.375	28.752	10.699	.753	118.672
6.985	15.514	19.447	19.930	7.726	6.353	6.078	36.717	9.995	2.164	130.809
88.73	2.48	-25.28	28.34	13.38	6.97	13.08	27.70	-6.58	187.38	10.23

TABLE 6
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BIOLOGICAL SCIENCES CLEV.	COL.	DYERS.	JACK.	LEVEL I LOWER LEVEL MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	5.07	7.98		9.91				
	1971	6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11
PERCENT CHANGED		28.38	-31.30		-9.92				
TOTAL INSTRUCTIONAL	1969	6.72	10.25		24.13				
	1971	8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22
PERCENT CHANGED		25.70	-9.29		-42.50				
FTE STDNT-FACULTY RATIO	1969	31.84	22.01		17.79				
	1971	29.56	38.03	25.60	21.77	22.29	22.33	25.22	17.87
PERCENT CHANGED		-7.15	72.76		22.38				
STCPHRS / FTE TEACH-FAC	1969	477.62	330.21		266.85				
	1971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	268.03
PERCENT CHANGED		-7.15	72.77		22.39				
STUDENT CRHRS PRODUCED	1969	1,953	1,056		1,172				
	1971	2,408	1,865	996	1,486	871	214	603	643
PERCENT CHANGED		23.30	76.61		26.79				
WEIGHTED AVG. CLASS SIZE	1969	33	25		24				
	1971	29	50	28	34	25	24	27	21
PERCENT CHANGED		-11.12	98.51		37.55				
AVG. SALARY/FTE TEACH	1969	2,421	2,636		2,645				
	1971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,378
PERCENT CHANGED		19.22	18.65		10.23				
NO. OF FTE TEACHING FAC.	1969	4.089	3.198		4.392				
	1971	5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399
PERCENT CHANGED		32.80	2.22		3.60				

TABLE 6
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVEL I LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
5.07	7.98		9.91					7.16	6.50
6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11	7.21	7.11
28.38	-31.30		-9.92					.73	9.31
6.72	10.25		24.13					12.49	12.62
8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22	10.32	12.79
25.70	-9.29		-42.50					-17.37	1.39
31.84	22.01		17.79					23.87	28.26
29.56	38.03	25.60	21.77	22.29	22.33	25.22	17.87	27.56	28.96
-7.15	72.76		22.38					15.47	2.48
477.62	330.21		266.85					357.99	423.85
443.46	570.51	383.96	326.59	334.36	334.90	378.29	288.03	413.38	434.38
-7.15	72.77		22.39					15.47	2.48
1,953	1,056		1,172					4,181	55,249
2,408	1,865	996	1,486	871	214	603	643	7,626	64,834
23.30	76.61		26.79					82.40	17.35
33	25		24					28	31
29	50	28	34	25	24	27	21	33	30
-11.12	98.51		37.55					15.86	-2.59
2,421	2,636		2,645					2,564	2,756
2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,478	2,982	3,088
19.22	18.65		10.23					16.31	12.04
4.089	3.198		4.392					11.679	130.351
5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399	18.448	149.257
32.80	2.22		3.60					57.96	14.50

TABLE 7
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	12.19	20.94	11.02	17.72	14.09	11.44	42.18	11.4
	1971	13.43	19.86	10.57	13.45	16.84	9.16	30.13	13.5
PERCENT CHANGED		10.21	-5.12	-4.07	-24.06	19.57	-19.94	-28.55	16.5
TOTAL INSTRUCTIONAL	1969	15.51	29.47	16.46	25.58	25.89	17.48	48.89	23.9
	1971	16.44	27.33	17.18	18.39	27.16	13.27	40.04	24.1
PERCENT CHANGED		5.95	-7.26	4.36	-28.11	4.89	-24.07	-18.09	3.5
FTE STDNT-FACULTY RATIO	1969	24.12	11.55	18.46	16.17	21.14	18.95	7.46	24.0
	1971	22.14	14.74	22.03	22.76	17.74	27.23	9.24	19.4
PERCENT CHANGED		-8.22	27.64	19.33	40.80	-16.10	43.68	23.71	-18.2
STCRHRS / FTE TEACH-FAC	1969	361.80	173.21	276.86	242.49	317.15	284.29	111.96	360.6
	1971	332.04	221.11	330.37	341.45	266.11	408.51	138.52	294.8
PERCENT CHANGED		-8.22	27.65	19.33	40.81	-16.09	43.70	23.72	-18.2
STUDENT CRHRS PRODUCED	1969	1,000	1,394	3,203	856	477	1,397	307	2,66
	1971	854	1,565	3,867	841	446	2,121	570	3,69
PERCENT CHANGED		-14.60	12.27	20.73	-1.75	-6.50	51.83	85.67	38.4
WEIGHTED AVG. CLASS SIZE	1969	21	15	22	21	18	24	13	
	1971	24	17	22	28	17	28	14	
PERCENT CHANGED		14.39	19.47	-1.21	28.19	-6.32	15.81	9.13	-7.6
AVG. SALARY/FTE TEACH	1969	4,409	3,626	3,051	4,296	4,467	3,252	4,722	4,1
	1971	4,459	4,392	3,492	4,593	4,482	3,740	4,174	3,9
PERCENT CHANGED		1.15	21.12	14.47	6.92	.32	15.02	-11.61	-4.
NO. OF FTE TEACHING FAC.	1969	2.764	8.048	11.569	3.530	1.504	4.914	2.742	7.3
	1971	2.572	7.078	11.705	2.463	1.676	5.192	4.115	12.5
PERCENT CHANGED		-6.95	-12.05	1.18	-30.23	11.44	5.66	50.07	69.4

TABLE 7
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
12.19	20.94	11.02	17.72	14.09	11.44	42.18	11.46	29.19		14.83
13.43	19.86	10.57	13.45	16.84	9.16	30.13	13.35	15.96	25.00	13.74
10.21	-5.12	-4.07	-24.06	19.57	-19.94	-28.55	16.50	-45.31		-7.37
15.51	29.47	16.46	25.58	25.89	17.48	48.89	23.94	32.44		22.43
16.44	27.33	17.18	18.39	27.16	13.27	40.04	24.76	20.90	35.84	21.04
5.95	-7.26	4.36	-28.11	4.89	-24.07	-18.09	3.42	-35.97		-6.21
24.12	11.55	18.46	16.17	21.14	18.95	7.46	24.05	8.79		16.79
22.14	14.74	22.03	22.76	17.74	27.23	9.24	19.66	17.76	6.35	19.37
-8.22	27.64	19.33	40.80	-16.10	43.68	23.71	-18.26	102.01		15.34
361.80	173.21	276.86	242.49	317.15	284.29	111.96	360.69	131.84		251.84
332.04	221.11	330.37	341.45	266.11	408.51	138.52	294.83	266.43	95.24	290.50
-8.22	27.65	19.33	40.81	-16.09	43.70	23.72	-18.26	102.07		15.35
1,000	1,394	3,203	856	477	1,397	307	2,668	667		11,969
854	1,565	3,867	841	446	2,121	570	3,696	1,403	40	15,403
-14.60	12.27	20.73	-1.75	-6.50	51.83	85.67	38.53	110.34		28.69
21	15	22	21	18	24	13	21	13		20
24	17	22	28	17	28	14	20	23	8	21
14.39	19.47	-1.21	28.19	-6.32	15.81	9.13	-7.88	68.09		7.64
4,409	3,626	3,051	4,296	4,467	3,252	4,722	4,133	3,849		3,735
4,459	4,392	3,492	4,593	4,482	3,740	4,174	3,936	4,253	2,381	3,990
1.15	21.12	14.47	6.92	.32	15.02	-11.61	-4.76	10.49		6.84
2.764	8.048	11.569	3.530	1.504	4.914	2.742	7.397	5.059		47.527
2.572	7.078	11.705	2.463	1.676	5.192	4.115	12.536	5.266	.420	53.023
-6.95	-12.05	1.18	-30.23	11.44	5.66	50.07	69.47	4.09		11.56

TABLE 8
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVELS 3 & 5 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	59.60	58.36	38.15	36.57	27.85	38.67	177.69	24.1
	1971	48.78	37.46	48.47	27.80	47.50	36.45	139.20	36.4
PERCENT CHANGED		-18.15	-35.81	27.07	-23.97	70.56	-5.73	-21.66	50.7
TOTAL INSTRUCTIONAL	1969	65.83	70.08	56.30	48.52	48.90	51.91	191.80	65.3
	1971	61.21	52.92	110.61	34.72	130.35	66.72	180.40	92.4
PERCENT CHANGED		-7.03	-24.49	96.47	-28.44	166.57	28.52	-5.94	41.5
FTE STDNT-FACULTY RATIO	1969	6.15	5.42	8.37	10.81	13.76	8.50	1.94	15.6
	1971	8.04	10.06	8.21	14.73	8.48	9.76	1.54	9.4
PERCENT CHANGED		30.64	85.63	-1.97	36.26	-38.35	14.88	-20.29	-39.3
STCRHRS / FTE TEACH-FAC	1969	73.80	64.98	100.49	129.68	165.09	101.98	23.26	187.5
	1971	96.43	120.67	98.51	176.72	101.76	117.15	18.52	113.6
PERCENT CHANGED		30.66	85.69	-1.97	36.28	-38.36	14.87	-20.36	-39.4
STUDENT CRHRS PRODUCED	1969	140	244	551	104	105	134	7	1,68
	1971	189	515	490	328	104	263	6	1,22
PERCENT CHANGED		35.00	111.07	-11.07	215.38	-.95	96.27	-14.29	-27.2
WEIGHTED AVG. CLASS SIZE	1969	8	5	6	7	9	7	4	
	1971	5	7	6	12	4	7	2	
PERCENT CHANGED		-26.29	37.57	6.14	55.64	-47.75	.76	-48.57	1.3
AVG. SALARY/FTE TEACH	1969	4,399	3,792	3,833	4,742	4,597	3,743	4,132	4,53
	1971	4,704	4,521	4,775	4,913	4,834	4,270	2,578	4,13
PERCENT CHANGED		6.94	19.19	24.56	3.60	5.14	8.29	-37.61	-8.6
NO. OF FTE TEACHING FAC.	1969	1.897	3.755	5.483	.802	.636	1.314	.301	8.99
	1971	1.960	4.268	4.974	1.856	1.022	2.245	.324	10.79
PERCENT CHANGED		3.32	13.66	-9.28	131.42	60.69	70.85	7.64	20.0

TABLE 8
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
69.60	58.36	38.15	36.57	27.85	38.67	177.69	24.16			32.81
68.78	37.46	48.47	27.80	47.50	36.45	139.20	36.42			38.89
18.15	-35.61	27.07	-23.97	70.56	-5.73	-21.66	50.75			18.55
65.83	70.08	56.30	48.52	48.90	51.91	191.80	65.33			62.59
61.21	52.92	110.61	34.72	130.35	66.72	180.40	92.46			80.09
-7.03	-24.49	96.47	-28.44	166.57	28.52	-5.94	41.53			27.95
6.15	5.42	8.37	10.81	13.76	8.50	1.94	15.63			10.68
8.04	10.06	8.21	14.73	8.48	9.76	1.54	9.47			9.48
30.64	85.63	-1.97	36.26	-38.35	14.88	-20.29	-39.39			-11.26
73.80	64.98	100.49	129.68	165.09	101.98	23.26	187.53			128.19
96.43	120.67	98.51	176.72	101.76	117.15	18.52	113.64			113.75
30.66	85.69	-1.97	36.28	-38.36	14.87	-20.36	-39.40			-11.26
140	244	551	104	105	134	7	1,687			2,972
189	515	490	328	104	263	6	1,227			3,122
35.00	111.07	-11.07	215.38	-.95	96.27	-14.29	-27.27			5.05
8	5	6	7	9	7	4	6			6
5	7	6	12	4	7	2	6			6
26.29	37.57	6.14	55.64	-47.75	.76	-48.57	1.34			7.28
3,399	3,792	3,833	4,742	4,597	3,943	4,132	4,530			4,206
3,704	4,521	4,775	4,913	4,834	4,270	2,578	4,138			4,424
6.94	19.19	24.56	3.60	5.14	8.29	-37.61	-8.64			5.19
.897	3.755	5.483	.802	.636	1.314	.301	8.996			23.184
.960	4.268	4.974	1.856	1.022	2.245	.324	10.797			27.446
3.32	13.66	-9.28	131.42	60.69	70.85	7.64	20.02			18.38

TABLE 9
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969			41.11				
	1971							
PERCENT CHANGED				-100.00				
TOTAL INSTRUCTIONAL	1969			93.86				
	1971							
PERCENT CHANGED				-100.00				
FTE STDNT-FACULTY RATIO	1969			8.55				
	1971							
PERCENT CHANGED				-100.00				
STCRHRS / FTE TEACH-FAC	1969			102.56				
	1971							
PERCENT CHANGED				-100.00				
STUDENT CRHRS PRODUCED	1969			12				
	1971							
PERCENT CHANGED				-100.00				
WEIGHTED AVG. CLASS SIZE	1969			4				
	1971							
PERCENT CHANGED				-100.00				
AVG. SALARY/FTE TEACH	1969			4,216				
	1971							
PERCENT CHANGED				-100.00				
NO. OF FTE TEACHING FAC.	1969			.117				
	1971							
PERCENT CHANGED				-100.00				

TABLE 9
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES LEVEL 4 DOCTORAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
		41.11					61.35			60.91
							73.94			73.94
		-100.00					20.51			21.39
		93.86					130.71			129.90
							158.41			158.41
		-100.00					21.19			21.94
		8.55					6.79			6.82
							5.63			5.63
		-100.00					-17.04			-17.42
		102.56					81.47			81.84
							67.57			67.57
		-100.00					-17.05			-17.43
		12					534			546
							578			578
		-100.00					8.24			5.86
		4					2			2
							3			3
		-100.00					20.22			19.20
		4,216					4,998			4,984
							4,996			4,996
		-100.00					-.04			.24
		.117					6.555			6.672
							8.554			8.554
		-100.00					30.50			28.21

TABLE 10
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		BIOLOGICAL SCIENCES				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	9.93	11.03	8.78	9.00	9.11	7.45	13.16	10.2
	1971	10.47	12.12	8.05	10.27	8.44	7.41	13.31	12.9
PERCENT CHANGED		5.46	9.87	-8.31	14.15	-7.35	-.51	1.11	24.7
TOTAL INSTRUCTIONAL	1969	13.10	16.14	13.95	16.00	18.36	12.54	17.94	26.2
	1971	13.68	18.04	15.01	15.42	15.62	12.26	20.60	29.4
PERCENT CHANGED		4.44	11.79	7.63	-3.64	-14.94	-2.30	14.83	12.6
FTE STDNT-FACULTY RATIO	1969	30.17	19.06	21.52	23.70	26.75	28.18	18.32	22.7
	1971	24.42	22.77	26.82	23.77	30.20	30.21	19.81	18.1
PERCENT CHANGED		-19.07	19.43	24.61	.30	12.89	7.21	8.09	-20.1
STCHRS / FTE TEACH-FAC	1969	448.31	283.69	319.58	354.11	398.37	419.99	274.65	330.0
	1971	362.09	336.75	398.94	353.13	450.50	448.44	296.95	265.5
PERCENT CHANGED		-19.23	18.70	24.83	-.28	13.09	6.77	8.12	-19.5
STUDENT CRHRS PRODUCED	1969	3,725	7,643	13,804	7,033	3,567	5,110	2,312	17,06
	1971	4,134	9,045	14,412	8,563	4,696	6,184	3,123	18,21
PERCENT CHANGED		10.98	18.34	4.40	21.75	31.65	21.02	35.08	6.7
WEIGHTED AVG. CLASS SIZE	1969	23	25	25	31	26	35	31	1
	1971	28	24	28	27	23	32	31	1
PERCENT CHANGED		21.04	-3.58	9.33	-13.43	-10.10	-8.18	-1.31	1.6
AVG. SALARY/FTE TEACH	1969	4,452	3,129	2,805	3,187	3,630	3,127	3,615	3,39
	1971	3,792	4,081	3,210	3,628	3,803	3,322	3,952	3,40
PERCENT CHANGED		-14.82	30.41	14.43	13.84	4.76	6.23	9.32	.3
NO. OF FTE TEACHING FAC.	1969	8.309	26.941	43.194	19.861	8.954	12.167	8.418	51.70
	1971	11.417	26.860	36.126	24.249	10.424	13.790	10.517	68.60
PERCENT CHANGED		37.41	-.30	-16.36	22.09	16.42	13.34	24.93	32.7

TABLE 10
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BIOLOGICAL SCIENCES — TOTAL ALL LEVELS

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9.93	11.03	8.78	9.00	9.11	7.45	13.16	10.29	8.90	6.82	9.58
10.47	12.12	8.05	10.27	8.44	7.41	13.31	12.83	7.87	9.64	10.24
5.46	9.87	-8.31	14.15	-7.35	-.51	1.11	24.70	-11.51	41.18	6.92
13.10	16.14	13.95	16.00	18.36	12.54	17.94	26.26	11.31	18.81	17.58
13.68	19.04	15.01	15.42	15.62	12.26	20.60	29.59	11.85	13.94	18.56
4.44	11.79	7.63	-3.64	-14.94	-2.30	14.83	12.68	4.76	-25.87	5.56
30.17	19.06	21.52	23.70	26.75	28.18	18.32	22.72	25.10	32.32	22.93
24.42	22.77	26.82	23.77	30.20	30.21	19.81	18.14	30.97	21.85	23.42
-19.07	19.43	24.61	.30	12.98	7.21	8.09	-20.15	23.38	-32.37	2.15
448.31	283.69	319.58	354.11	398.37	419.99	274.65	330.04	376.51	484.73	339.47
362.09	336.75	398.94	353.13	450.50	448.44	296.95	265.54	464.58	327.79	347.13
-19.23	18.70	24.83	-.28	13.09	6.77	8.12	-19.54	23.39	-32.38	2.26
3,725	7,643	13,804	7,033	3,567	5,110	2,312	17,063	5,933	365	66,555
4,134	9,045	14,412	8,563	4,696	6,184	3,123	18,217	7,090	847	76,311
10.98	18.34	4.40	21.75	31.65	21.02	35.08	6.76	19.50	132.05	14.66
23	25	25	31	26	35	31	14	34	26	22
28	24	28	27	23	32	31	14	39	29	23
21.04	-3.58	9.33	-13.43	-10.10	-8.18	-1.31	1.69	12.94	11.80	2.70
4,452	3,129	2,805	3,187	3,630	3,127	3,615	3,396	3,349	3,308	3,252
3,792	4,081	3,210	3,628	3,803	3,322	3,952	3,408	3,657	3,159	3,555
-14.82	30.41	14.43	13.84	4.76	6.23	9.32	.35	9.19	-4.50	9.33
8.309	26.941	43.194	19.861	8.954	12.167	8.418	51.700	15.758	.753	196.255
11.417	26.860	36.126	24.249	10.424	13.790	10.517	68.604	15.261	2.584	219.832
37.41	-.30	-16.36	22.09	16.42	13.34	24.93	32.70	-3.15	243.16	12.13

TABLE 10
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BIOLOGICAL SCIENCES CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	5.07	7.98		9.91				
	1971	6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11
PERCENT CHANGED		28.38	-31.30		-9.92				
TOTAL INSTRUCTIONAL	1969	6.72	10.25		24.13				
	1971	8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22
PERCENT CHANGED		25.70	-9.29		-42.50				
FTE STDNT-FACULTY RATIO	1969	31.84	22.01		17.79				
	1971	29.56	38.03	25.60	21.77	22.29	22.33	25.22	17.87
PERCENT CHANGED		-7.15	72.76		22.38				
STCRHRS / FTE TEACH-FAC	1969	477.62	330.21		266.85				
	1971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	268.03
PERCENT CHANGED		-7.15	72.77		22.39				
STUDENT CRHRS PRODUCED	1969	1,953	1,056		1,172				
	1971	2,408	1,865	996	1,486	871	214	603	643
PERCENT CHANGED		23.30	76.61		26.79				
WEIGHTED AVG. CLASS SIZE	1969	33	25		24				
	1971	29	50	28	34	25	24	27	21
PERCENT CHANGED		-11.12	98.51		37.55				
AVG. SALARY/FTE TEACH	1969	2,421	2,636		2,645				
	1971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,978
PERCENT CHANGED		19.22	18.65		10.23				
NO. OF FTE TEACHING FAC.	1969	4.089	3.198		4.392				
	1971	5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399
PERCENT CHANGED		32.80	2.22		3.60				

TABLE 10
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

UR	BIOLOGICAL SCIENCES CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
969	5.07	7.98		9.91					7.16	9.44
971	6.51	5.48	8.25	8.93	8.77	7.41	6.46	11.11	7.21	9.97
	28.38	-31.30		-9.92					.73	5.62
969	6.72	10.25		24.13					12.49	17.28
971	8.45	9.30	10.01	13.87	11.97	14.73	7.59	14.22	10.32	17.81
	25.70	-9.29		-42.50					-17.37	3.07
969	31.84	22.01		17.79					23.87	22.98
971	29.56	38.33	25.60	21.77	22.29	22.33	25.22	17.87	27.56	23.74
	-7.15	72.76		22.38					15.47	3.31
969	477.62	330.21		266.85					357.99	340.51
971	443.46	570.51	383.96	326.59	334.36	334.90	378.29	268.03	413.38	352.26
	-7.15	72.77		22.39					15.47	3.45
969	1,953	1,056		1,172					4,181	70,736
971	2,408	1,865	996	1,486	871	214	603	643	7,626	83,937
	23.30	76.61		26.79					82.40	18.66
969	33	25		24					28	22
971	29	50	28	34	25	24	27	21	33	23
	-11.12	98.51		37.55					15.86	4.24
969	2,421	2,636		2,645					2,564	3,213
971	2,886	3,127	3,168	2,915	2,931	2,482	2,445	2,978	2,982	3,511
	19.22	18.65		10.23					16.31	9.27
969	4.089	3.198		4.392					11.679	207.734
971	5.430	3.269	2.594	4.550	2.605	.639	1.594	2.399	18.448	238.280
	32.80	2.22		3.60					57.96	14.70

TABLE 11
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	4.10	9.12	5.52	7.88	6.47	7.12	8.60	4.1
	1971	6.91	10.23	6.47	7.13	6.69	7.78	9.62	4.8
PERCENT CHANGED		68.19	12.15	17.27	-9.54	3.44	9.22	11.83	15.6
TOTAL INSTRUCTIONAL	1969	5.25	12.41	12.09	12.05	9.15	10.88	10.88	10.74
	1971	9.65	13.83	12.30	14.04	9.59	10.97	13.44	9.6
PERCENT CHANGED		83.81	11.47	1.76	16.52	4.87	.84	23.53	10.4
FTE STDNT-FACULTY RATIO	1969	40.91	25.47	38.45	26.27	30.80	28.12	25.85	48.1
	1971	30.88	26.32	40.59	39.71	35.97	29.22	27.43	38.5
PERCENT CHANGED		-24.51	3.31	5.57	51.15	16.79	3.92	6.11	-19.9
STCRHRS / FTE TEACH-FAC	1969	613.63	382.08	576.67	394.09	462.02	421.75	387.79	721.8
	1971	463.21	394.75	608.82	595.71	539.58	438.27	411.49	578.0
PERCENT CHANGED		-24.51	3.31	5.57	51.16	16.79	3.92	6.11	-19.9
STUDENT CRHRS PRODUCED	1969	2,719	6,359	12,414	6,484	2,901	4,589	3,062	16,57
	1971	3,204	5,545	13,380	4,584	3,156	5,179	2,013	16,38
PERCENT CHANGED		17.84	-12.80	7.78	-29.30	8.79	10.45	-34.26	-1.1
WEIGHTED AVG. CLASS SIZE	1969	46	26	45	34	29	31	35	44
	1971	32	28	48	41	35	34	34	13
PERCENT CHANGED		-30.15	6.45	7.20	22.59	19.22	9.57	-4.61	-70.3
AVG. SALARY/FTE TEACH	1969	2,518	3,485	3,183	3,105	2,990	3,004	3,335	3,009
	1971	3,199	4,038	3,941	4,245	3,612	3,410	3,958	2,787
PERCENT CHANGED		27.03	15.87	23.80	36.72	20.79	13.51	18.68	-7.3
NO. OF FTE TEACHING FAC.	1969	4.431	16.643	21.527	16.453	6.279	11.118	7.896	22.966
	1971	6.917	14.047	21.977	7.695	5.849	11.817	4.892	28.342
PERCENT CHANGED		56.10	-15.60	2.09	-53.23	-6.85	6.29	-38.04	23.41

TABLE 11
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
4.10	9.12	5.52	7.88	6.47	7.12	8.60	4.17	8.43	12.46	6.33
6.91	10.23	6.47	7.13	6.69	7.78	9.62	4.82	11.72	7.65	6.96
68.19	12.15	17.27	-9.54	3.44	9.22	11.83	15.65	38.98	-38.60	10.02
5.25	12.41	12.39	12.05	9.15	10.88	10.88	10.74	10.47	25.60	11.28
9.65	13.83	12.30	14.04	9.59	10.97	13.44	9.62	16.69	10.53	11.60
83.81	11.47	1.76	16.52	4.87	.84	23.53	-10.42	59.40	-58.86	2.83
40.91	25.47	38.45	26.27	30.80	28.12	25.85	48.12	28.10	13.95	33.07
30.88	26.32	40.59	39.71	35.97	29.22	27.43	38.53	24.13	33.94	34.33
24.51	3.31	5.57	51.15	16.79	3.92	6.11	-19.92	-14.12	143.16	3.83
13.63	382.08	576.67	394.09	462.02	421.75	387.79	721.81	421.45	209.31	495.98
63.21	394.75	608.82	595.71	539.58	438.27	411.49	578.01	361.95	509.07	514.95
24.51	3.31	5.57	51.16	16.79	3.92	6.11	-19.92	-14.12	143.21	3.82
2,719	6,359	12,414	6,484	2,901	4,689	3,062	16,577	3,010	1,057	59,272
3,204	5,545	13,380	4,584	3,156	5,179	2,013	16,382	2,690	1,768	57,901
17.84	-12.40	7.78	-29.30	8.79	10.45	-34.26	-1.18	-10.63	67.27	-2.31
46	26	45	34	29	31	35	44	34	20	36
32	28	48	41	35	34	34	13	30	38	24
30.15	6.45	7.20	22.59	19.22	9.57	-4.61	-70.39	-13.38	83.02	-33.69
2,518	3,485	3,183	3,105	2,990	3,004	3,335	3,009	3,552	2,608	3,137
3,199	4,038	3,941	4,245	3,612	3,410	3,958	2,787	4,240	3,894	3,584
27.03	15.87	23.80	36.72	20.79	13.51	18.68	-7.38	19.37	49.29	14.22
4.431	16.643	21.527	16.453	6.279	11.118	7.896	22.966	7.142	5.050	119.505
6.917	14.047	21.977	7.695	5.849	11.817	4.892	28.342	7.432	3.473	112.441
56.10	-15.60	2.09	-53.23	-6.85	6.29	-38.04	23.41	4.06	-31.23	-5.91

TABLE 11
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	5.57	5.76		6.86				
	1971	6.15	5.10	5.66	8.30	6.76	7.73		5.3
PERCENT CHANGED		10.48	-11.51		21.07				
TOTAL INSTRUCTIONAL	1969	6.04	6.45		7.51				
	1971	7.43	7.17	5.71	10.22	8.71	10.44		8.7
PERCENT CHANGED		22.97	11.09		36.02				
FTE STDNT-FACULTY RATIO	1969	29.12	28.67		25.34				
	1971	30.17	34.80	28.94	23.51	27.03	21.29		27.0
PERCENT CHANGED		3.62	21.34		-7.22				
STCPHRS / FTE TEACH-FAC	1969	436.74	430.11		380.07				
	1971	452.56	521.92	434.08	352.61	405.47	319.40		405.7
PERCENT CHANGED		3.62	21.35		-7.22				
STUDENT CRHRS PRODUCED	1969	1,947	1,680		1,602				
	1971	2,733	1,143	1,047	1,134	978	321		89
PERCENT CHANGED		40.37	-31.96		-29.21				
WEIGHTED AVG. CLASS SIZE	1969	30	27		28				
	1971	30	35	29	24	27	21		2
PERCENT CHANGED		2.89	29.33		-15.66				
AVG. SALARY/FTE TEACH	1969	2,433	2,478		2,606				
	1971	2,785	2,661	2,457	2,928	2,742	2,468		2,16
PERCENT CHANGED		14.49	7.37		12.33				
NO. OF FTE TEACHING FAC.	1969	4.458	3.906		4.215				
	1971	6.039	2.190	2.412	3.216	2.412	1.005		2.21
PERCENT CHANGED		35.46	-43.93		-23.70				

TABLE 11
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — LEVEL 1 LOWER LEVEL

	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
9	5.57	5.76		6.86					6.03	6.30
1	6.15	5.10	5.66	8.30	6.76	7.73		5.33	6.34	6.89
	10.48	-11.51		21.07					5.21	9.37
9	6.04	6.45		7.51					6.62	10.91
1	7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	11.19
	22.97	11.09		36.02					17.14	2.57
9	29.12	28.67		25.34					27.71	32.56
1	30.17	34.80	28.94	23.51	27.03	21.29		27.05	28.83	33.63
	3.62	21.34		-7.22					4.02	3.31
9	436.74	430.11		380.07					415.69	488.33
1	452.56	521.92	434.08	352.61	405.47	319.40		405.70	432.42	504.51
	3.62	21.35		-7.22					4.02	3.31
9	1,947	1,600		1,602					5,229	64,501
1	2,733	1,143	1,047	1,134	978	321		897	7,035	64,936
	40.37	-31.96		-29.21					34.54	.67
9	30	27		28					28	36
1	30	35	29	24	27	21		27	29	24
	2.89	29.33		-15.66					2.93	-30.86
9	2,433	2,478		2,606					2,505	3,077
1	2,785	2,661	2,457	2,928	2,742	2,468		2,163	2,742	3,477
	14.49	7.37		12.33					9.44	13.00
9	4.458	3.906		4.215					12.579	132.084
1	6.039	2.190	2.412	3.216	2.412	1.005		2.211	16.269	128.710
	35.46	-43.93		-23.70					29.33	-2.55

TABLE 12
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	8.09	12.08	8.62	9.91	5.08	9.36	10.92	8.
	1971	9.12	11.63	11.41	9.82	6.81	9.37	10.13	10.
PERCENT CHANGED		12.75	-3.73	32.29	-.91	34.01	.13	-7.23	34.
TOTAL INSTRUCTIONAL	1969	9.60	16.36	14.88	13.74	6.91	12.51	12.52	16.
	1971	11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.
PERCENT CHANGED		19.25	-2.37	29.18	14.69	45.19	2.06	-1.90	1.
FTE STDNT-FACULTY RATIO	1969	28.89	20.71	32.29	24.28	39.06	28.44	24.79	30.
	1971	23.69	25.29	27.28	31.26	32.13	29.60	26.33	26.
PERCENT CHANGED		-17.97	22.08	-15.53	28.78	-17.76	4.08	6.24	-13.
STCRHRS / FTE TEACH-FAC	1969	433.27	310.66	484.40	364.13	585.95	426.56	371.78	460.
	1971	355.41	379.29	409.14	468.93	481.89	443.96	394.98	399.
PERCENT CHANGED		-17.97	22.09	-15.54	28.78	-17.76	4.08	6.24	-13.
STUDENT CRHRS PRODUCED	1969	2,188	5,439	15,760	6,669	3,078	5,158	2,479	24,9
	1971	2,570	6,561	16,089	8,458	2,514	5,839	2,657	23,5
PERCENT CHANGED		17.46	20.63	2.09	26.83	-18.32	13.20	7.18	-5.
WEIGHTED AVG. CLASS SIZE	1969	31	22	34	29	38	32	31	3
	1971	25	27	28	31	24	34	33	3
PERCENT CHANGED		-16.35	23.40	-16.51	7.67	-36.51	6.48	4.46	1.9
AVG. SALARY/FTE TEACH	1969	3,504	3,752	4,176	3,608	2,976	3,992	4,059	3,76
	1971	3,241	4,410	4,667	4,604	3,280	4,160	4,000	4,38
PERCENT CHANGED		-7.50	17.53	11.75	27.60	10.23	4.22	-1.45	16.5
NO. OF FTE TEACHING FAC.	1969	5.050	17.508	32.535	18.315	5.253	12.092	6.668	54.16
	1971	7.231	17.298	39.324	18.037	5.217	13.152	6.727	59.04
PERCENT CHANGED		43.19	-1.20	20.87	-1.52	-.69	8.77	.88	9.0

TABLE 12
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
8.09	12.08	8.62	9.91	5.08	9.36	10.92	8.17	11.39	14.54	9.06
9.12	11.63	11.41	9.82	6.81	9.37	10.13	10.98	11.46	10.63	10.64
12.75	-3.73	32.29	-.91	34.01	.13	-7.23	34.32	.66	-26.84	17.39
9.60	16.36	14.88	13.74	6.91	12.51	12.52	16.08	13.82	28.80	14.84
11.45	15.98	19.22	15.76	10.03	12.76	12.28	16.36	16.46	14.53	16.02
19.25	-2.37	29.18	14.69	45.19	2.06	-1.90	1.74	19.09	-49.55	7.93
28.89	20.71	32.29	24.28	39.06	28.44	24.79	30.69	21.83	10.17	27.34
23.69	25.29	27.28	31.26	32.13	29.60	26.33	26.63	22.33	19.21	26.87
-17.97	22.08	-15.53	28.78	-17.76	4.08	6.24	-13.22	2.31	88.87	-1.72
433.27	310.66	484.40	364.13	585.95	426.56	371.78	460.29	327.42	152.48	410.11
355.41	379.29	409.14	468.93	481.89	443.96	394.98	399.41	335.00	288.07	403.06
-17.97	22.09	-15.54	28.78	-17.76	4.08	6.24	-13.23	2.32	88.92	-1.72
2,188	5,439	15,760	6,669	3,078	5,158	2,479	24,933	2,601	1,704	70,009
2,570	6,561	16,089	8,458	2,514	5,839	2,657	23,583	2,952	1,884	73,107
17.46	20.63	2.09	26.83	-18.32	13.20	7.18	-5.41	13.49	10.56	4.43
31	22	34	29	38	32	31	34	27	17	31
25	27	28	31	24	34	33	35	27	23	30
-16.35	23.40	-16.51	7.67	-36.51	6.48	4.46	1.98	-2.61	38.09	-1.96
3,504	3,752	4,176	3,608	2,976	3,992	4,059	3,762	3,729	2,217	3,717
3,241	4,410	4,667	4,604	3,280	4,160	4,000	4,386	3,840	3,063	4,289
-7.50	17.53	11.75	27.60	10.23	4.22	-1.45	16.56	2.99	38.18	15.38
5.050	17.508	32.535	18.315	5.253	12.092	6.668	54.168	7.944	11.175	170.708
7.231	17.298	39.324	18.037	5.217	13.152	6.727	59.044	8.812	6.540	181.382
43.19	-1.20	20.87	-1.52	-.69	8.77	.88	9.00	10.93	-41.48	6.25

TABLE 13
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT LEVELS 3 & 5 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	8.65	20.76	29.12	37.12			37.33	22.32
	1971		22.55	42.99	26.07			15.19	23.35
PERCENT CHANGED		-100.00	8.61	47.64	-29.76			-59.29	4.60
TOTAL INSTRUCTIONAL	1969	9.48	27.11	42.40	43.81			40.73	35.79
	1971		31.09	83.19	35.01			17.50	37.45
PERCENT CHANGED		-100.00	14.69	96.16	-20.09			-57.03	4.65
FTE STDNT-FACULTY RATIO	1969	55.56	16.06	13.58	10.36			11.57	17.20
	1971		17.21	10.86	16.29			29.12	18.42
PERCENT CHANGED		-100.00	7.16	-20.02	57.12			151.50	7.09
STCPHRS / FTE TEACH-FAC	1969	666.67	192.67	162.95	124.35			138.89	206.36
	1971		206.48	130.31	195.43			349.40	220.99
PERCENT CHANGED		-100.00	7.16	-20.03	57.15			151.56	7.09
STUDENT CRHRS PRODUCED	1969	6	489	1,095	361			135	3,260
	1971		861	921	897			348	3,118
PERCENT CHANGED		-100.00	76.07	-15.89	148.48			157.78	-4.36
WEIGHTED AVG. CLASS SIZE	1969	30	14	12	10			12	17
	1971		14	9	12			29	18
PERCENT CHANGED		-100.00	.28	-28.66	20.44			139.02	7.21
AVG. SALARY/FTE TEACH	1969	5,767	4,000	4,744	4,616			5,184	4,606
	1971		4,656	5,601	5,095			5,308	5,159
PERCENT CHANGED		-100.00	16.40	18.07	10.38			2.38	12.02
NO. OF FTE TEACHING FAC.	1969	.009	2.538	6.720	2.903			.972	15.798
	1971		4.170	7.068	4.590			.996	14.109
PERCENT CHANGED			64.30	5.18	58.11			2.47	-10.69

TABLE 13
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
8.65	20.76	29.12	37.12			37.33	22.32		21.49	24.89
	22.55	42.99	26.07			15.19	23.35	36.91	13.68	25.51
-100.00	8.61	47.64	-29.76			-59.29	4.60		-36.34	2.48
9.48	27.11	42.40	43.81			40.73	35.79		38.63	37.01
	31.09	83.19	35.01			17.50	37.45	50.26	21.76	40.87
-100.00	14.69	96.16	-20.09			-57.03	4.65		-43.67	10.44
55.56	16.06	13.58	10.36			11.57	17.20		14.97	15.39
	17.21	10.86	16.29			29.12	18.42	12.11	33.89	16.99
-100.00	7.16	-20.02	57.12			151.50	7.09		126.28	10.41
666.67	192.67	162.95	124.35			138.89	206.36		179.69	184.66
	206.48	130.31	195.43			349.40	220.99	145.30	406.67	203.89
-100.00	7.16	-20.03	57.15			151.56	7.09		126.31	10.41
6	489	1,095	361			135	3,260		69	5,415
	861	921	897			348	3,118	51	366	6,562
-100.00	76.07	-15.89	148.48			157.78	-4.36		430.43	21.18
30	14	12	10			12	17		12	14
	14	9	12			29	18	14	20	14
-100.00	.28	-28.66	20.44			139.02	7.21		73.61	.07
5,767	4,000	4,744	4,616			5,184	4,606		3,862	4,596
	4,656	5,601	5,095			5,308	5,159	5,362	5,563	5,200
-100.00	16.40	18.07	10.38			2.38	12.02		44.04	13.15
.009	2.538	6.720	2.903			.972	15.798		.384	29.324
	4.170	7.068	4.590			.996	14.109	.351	.900	32.184
	64.30	5.18	58.11			2.47	-10.69		134.38	9.75

TABLE 14
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969								92.
	1971								112.
PERCENT CHANGED									21.
TOTAL INSTRUCTIONAL	1969								156.
	1971								147.
PERCENT CHANGED									-5.
FTE STDNT-FACULTY RATIO	1969								4.
	1971								4.
PERCENT CHANGED									-8.
STCRHRS / FTE TEACH-FAC	1969								57.
	1971								52.
PERCENT CHANGED									-8.
STUDENT CRHRS PRODUCED	1969								22
	1971								27
PERCENT CHANGED									22.
WEIGHTED AVG. CLASS SIZE	1969								
	1971								
PERCENT CHANGED									3.
AVG. SALARY/FTE TEACH	1969								5,28
	1971								5,87
PERCENT CHANGED									11.
NO. OF FTE TEACHING FAC.	1969								3.94
	1971								5.27
PERCENT CHANGED									33.

TABLE 14
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT LEVEL 4 DOCTORAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							92.50			92.50
							112.13			112.13
							21.21			21.21
							156.23			156.23
							147.75			147.75
							-5.42			-5.42
							4.76			4.76
							4.36			4.36
							-8.25			-8.25
							57.08			57.08
							52.36			52.36
							-8.26			-8.26
							225			225
							276			276
							22.67			22.67
							3			3
							3			3
							3.43			3.43
							5,280			5,280
							5,871			5,871
							11.20			11.20
							3.942			3.942
							5.271			5.271
							33.71			33.71

TABLE 15
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BUSINESS & MANAGEMENT APSU	ETSU	MSU	MTSU	TOTAL ALL LEVELS TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	5.88	10.89	8.07	9.66	5.76	8.29	10.30	8.
	1971	7.89	11.76	10.19	9.98	6.74	8.62	10.28	10
PERCENT CHANGED		34.10	7.91	26.24	3.28	17.17	3.96	-.19	25
TOTAL INSTRUCTIONAL	1969	7.19	14.74	14.72	13.73	7.99	11.73	12.31	16
	1971	10.45	16.06	18.11	16.43	9.79	11.92	13.11	16
PERCENT CHANGED		45.30	8.94	23.01	19.66	22.42	1.61	6.52	-1
FTE STDNT-FACULTY RATIO	1969	34.52	22.55	32.40	24.08	34.57	28.28	24.50	31
	1971	27.21	24.75	29.86	31.14	34.16	29.42	26.98	27
PERCENT CHANGED		-21.19	9.74	-7.85	29.33	-1.17	4.01	10.11	-12
STCRHRS / FTE TEACH-FAC	1969	517.70	334.90	481.54	358.74	518.47	424.26	365.35	464
	1971	408.11	365.11	444.50	459.70	512.38	441.27	397.78	406
PERCENT CHANGED		-21.17	9.02	-7.69	28.14	-1.17	4.01	8.88	-12
STUDENT CRHRS PRODUCED	1969	4,913	12,287	29,269	13,514	5,979	9,847	5,676	44,
	1971	5,774	12,967	30,390	13,939	5,670	11,018	5,018	43,
PERCENT CHANGED		17.52	5.53	3.83	3.14	-5.17	11.89	-11.59	-3
WEIGHTED AVG. CLASS SIZE	1969	38	23	35	29	33	31	32	
	1971	29	26	32	30	29	34	33	
PERCENT CHANGED		-23.15	10.31	-9.55	3.31	-12.24	7.97	2.47	-39
AVG. SALARY/FTE TEACH	1969	3,046	3,648	3,888	3,466	2,984	3,519	3,761	3,
	1971	3,221	4,292	4,531	4,587	3,456	3,805	4,087	4,
PERCENT CHANGED		5.73	17.64	16.54	32.35	15.82	8.14	8.66	9
NO. OF FTE TEACHING FAC.	1969	9.490	36.689	60.782	37.671	11.532	23.210	15.536	96.
	1971	14.148	35.515	68.369	30.322	11.066	24.969	12.615	106.
PERCENT CHANGED		49.08	-3.20	12.48	-19.51	-4.04	7.58	-18.80	10

TABLE 15
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT — TOTAL ALL LEVELS

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
5.88	10.89	8.07	9.66	5.76	8.29	10.30	8.15	9.80	13.93	8.64
7.89	11.76	10.19	9.98	6.74	8.62	10.28	10.19	11.81	9.60	10.01
34.10	7.91	26.24	3.28	17.17	3.96	-.19	25.04	20.50	-31.09	15.86
7.19	14.74	14.72	13.73	7.99	11.73	12.31	16.24	12.02	27.84	14.40
10.45	16.06	18.11	16.43	9.79	11.92	13.11	16.17	16.87	13.43	15.61
45.30	8.94	23.01	19.66	22.42	1.61	6.52	-.46	40.32	-51.77	8.37
34.52	22.55	32.40	24.08	34.57	28.28	24.50	31.56	24.80	11.43	28.10
27.21	24.75	29.86	31.14	34.16	29.42	26.98	27.60	22.92	25.11	28.08
-21.19	9.74	-7.85	29.33	-1.17	4.01	10.11	-12.54	-7.56	119.61	-.05
517.70	334.90	481.54	358.74	518.47	424.26	365.35	464.47	371.93	170.39	417.09
408.11	365.11	444.50	459.70	512.38	441.27	397.78	406.11	343.06	368.19	416.10
-21.17	9.02	-7.69	28.14	-1.17	4.01	8.88	-12.56	-7.76	116.08	-.24
4,913	12,287	29,269	13,514	5,979	9,847	5,676	44,995	5,611	2,830	134,
5,774	12,967	30,390	13,939	5,670	11,018	5,018	43,359	5,693	4,018	137,
17.52	5.53	3.83	3.14	-5.17	11.89	-11.59	-3.64	1.46	41.98	2.17
38	23	35	29	33	31	32	33	31	18	31
29	26	32	30	29	34	33	19	28	28	26
-23.15	10.31	-9.55	3.31	-12.24	7.97	2.47	-39.73	-9.44	54.06	-17.08
3,046	3,648	3,888	3,466	2,984	3,519	3,761	3,783	3,645	2,374	3,602
3,221	4,292	4,531	4,587	3,456	3,805	4,087	4,137	4,052	3,534	4,163
5.73	17.64	16.54	32.35	15.82	8.14	8.66	9.35	11.15	48.86	15.59
9.490	36.689	60.782	37.671	11.532	23.210	15.536	96.874	15.086	16.609	323.479
14.148	35.515	68.369	30.322	11.066	24.969	12.615	106.766	16.595	10.913	331.278
49.08	-3.20	12.48	-19.51	-4.04	7.58	-18.80	10.21	10.00	-34.29	2.41

TABLE 15
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		BUSINESS & MANAGEMENT CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WALT
DIRECT TEACHING	1969	5.57	5.76		6.86				
	1971	6.15	5.10	5.66	8.30	6.76	7.73		5.
PERCENT CHANGED		10.48	-11.51		21.07				
TOTAL INSTRUCTIONAL	1969	6.04	6.45		7.51				
	1971	7.43	7.17	5.71	10.22	8.71	10.44		8.
PERCENT CHANGED		22.97	11.09		36.02				
FTE STDNT-FACULTY RATIO	1969	29.12	28.67		25.34				
	1971	30.17	34.80	28.94	23.51	27.03	21.29		27.
PERCENT CHANGED		3.62	21.34		-7.22				
STCRHRS / FTE TEACH-FAC	1969	436.74	430.11		380.07				
	1971	452.56	521.92	434.08	352.61	405.47	319.40		405.
PERCENT CHANGED		3.62	21.35		-7.22				
STUDENT CRHRS PRODUCED	1969	1,947	1,680		1,602				
	1971	2,733	1,143	1,047	1,134	978	321		8
PERCENT CHANGED		40.37	-31.96		-29.21				
WEIGHTED AVG. CLASS SIZE	1969	30	27		28				
	1971	30	35	29	24	27	21		
PERCENT CHANGED		2.89	29.33		-15.66				
AVG. SALARY/FTE TEACH	1969	2,433	2,478		2,606				
	1971	2,785	2,661	2,457	2,928	2,742	2,468		2,1
PERCENT CHANGED		14.49	7.37		12.33				
NO. OF FTE TEACHING FAC.	1969	4.458	3.906		4.215				
	1971	6.039	2.190	2.412	3.216	2.412	1.005		2.2
PERCENT CHANGED		35.46	-43.93		-23.70				

TABLE 15
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

BUSINESS & MANAGEMENT								TOTAL ALL LEVELS	
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
5.57	5.76		6.86					6.03	8.54
6.15	5.10	5.66	8.30	6.76	7.73		5.33	6.34	9.83
10.48	-11.51		21.07					5.21	15.10
6.04	6.45		7.51					6.62	14.11
7.43	7.17	5.71	10.22	8.71	10.44		8.73	7.76	15.23
22.97	11.09		36.02					17.14	7.91
29.12	28.67		25.34					27.71	28.08
30.17	34.80	28.94	23.51	27.03	21.29		27.05	28.83	28.12
3.62	21.34		-7.22					4.02	.13
36.74	430.11		380.07					415.69	417.04
52.56	521.92	434.08	352.61	405.47	319.40		405.70	432.42	416.87
3.62	21.35		-7.22					4.02	-.04
1,947	1,680		1,602					5,229	140,150
2,733	1,143	1,047	1,134	978	321		897	7,035	144,881
40.37	-31.96		-29.21					34.54	3.38
30	27		28					28	31
30	35	29	24	27	21		27	29	26
2.89	29.33		-15.66					2.93	-16.31
2,433	2,478		2,606					2,505	3,560
2,785	2,661	2,457	2,928	2,742	2,468		2,163	2,742	4,096
14.49	7.37		12.33					9.44	15.05
4.458	3.906		4.215					12.579	336.658
6.039	2.190	2.412	3.216	2.412	1.005		2.211	16.269	347.547
35.46	-43.93		-23.70					29.33	3.42

TABLE 16
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		EDUCATION LEVEL 1 LOWER LEVEL							
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	7.21	10.49	8.09	7.54	8.12	6.12	11.57	
	1971	9.98	10.06	10.23	7.94	8.00	7.81	11.30	
PERCENT CHANGED		38.36	-4.09	26.56	5.37	-1.45	27.48	-2.35	
TOTAL INSTRUCTIONAL	1969	10.34	15.67	16.70	13.33	13.54	9.23	15.39	
	1971	14.04	14.17	17.62	13.07	12.75	13.76	17.24	
PERCENT CHANGED		35.82	-9.61	5.51	-1.91	-5.83	49.05	12.02	
FTE STDNT-FACULTY RATIO	1969	26.65	19.18	22.03	25.94	24.42	29.29	19.03	
	1971	21.80	23.71	19.13	30.29	24.19	25.80	23.23	
PERCENT CHANGED		-18.19	23.61	-13.17	16.78	-.91	-11.91	22.07	
STCRHRS / FTE TEACH-FAC	1969	399.79	287.67	330.50	389.03	366.24	439.29	285.42	
	1971	327.06	355.60	286.97	454.31	362.91	386.98	348.43	
PERCENT CHANGED		-18.19	23.61	-13.17	16.78	-.91	-11.91	22.08	
STUDENT CRHRS PRODUCED	1969	4,277	7,587	12,602	8,724	8,043	5,430	3,423	
	1971	4,220	9,219	11,406	8,148	5,199	6,334	4,392	
PERCENT CHANGED		-1.33	21.51	-9.49	-6.60	-35.36	16.65	28.31	
WEIGHTED AVG. CLASS SIZE	1969	33	25	30	29	24	32	26	
	1971	31	28	26	26	24	23	28	
PERCENT CHANGED		-4.94	10.72	-10.97	-8.87	-.50	-26.59	8.65	
AVG. SALARY/FTE TEACH	1969	2,884	3,017	2,672	2,933	2,973	2,689	3,302	
	1971	3,265	3,577	2,937	3,609	2,903	3,021	3,937	
PERCENT CHANGED		13.20	18.55	9.91	23.04	-2.35	12.31	19.21	
NO. OF FTE TEACHING FAC.	1969	10.698	26.374	38.130	22.425	21.961	12.361	11.993	
	1971	12.903	25.925	39.746	17.935	14.326	16.368	12.605	
PERCENT CHANGED		20.61	-1.70	4.24	-20.02	-34.77	32.42	5.10	

TABLE 16
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
7.21	10.49	8.09	7.54	8.12	6.12	11.57	6.87	12.01	13.43	8.28
9.98	10.06	10.23	7.94	8.00	7.81	11.30	10.42	13.42	15.03	9.71
38.36	-4.09	26.56	5.37	-1.45	27.48	-2.35	51.78	11.72	11.89	17.24
10.34	15.67	16.70	13.33	13.54	9.23	15.39	12.48	16.86	29.72	13.95
14.04	14.17	17.62	13.07	12.75	13.76	17.24	16.11	20.33	20.32	15.32
35.82	-9.61	5.51	-1.91	-5.83	49.05	12.02	29.05	20.52	-31.63	9.83
26.65	19.18	22.03	25.94	24.42	29.29	19.03	23.99	14.79	14.00	22.64
21.80	23.71	19.13	30.29	24.19	25.80	23.23	18.12	15.91	15.93	21.99
-18.19	23.61	-13.17	16.78	-.91	-11.91	22.07	-24.47	7.57	13.82	-2.85
399.79	287.67	330.50	389.03	366.24	439.29	285.42	359.84	221.77	209.95	339.58
327.06	355.60	286.97	454.31	362.91	386.98	348.43	271.78	238.58	238.96	329.88
-18.19	23.61	-13.17	16.78	-.91	-11.91	22.08	-24.47	7.58	13.82	-2.86
4,277	7,587	12,602	8,724	8,043	5,430	3,423	9,654	3,162	114	63,016
4,220	9,219	11,406	8,148	5,199	6,334	4,392	6,902	3,181	276	59,277
-1.33	21.51	-9.49	-6.60	-35.36	16.65	28.31	-28.51	.60	142.11	-5.93
33	25	30	29	24	32	26	32	25	13	28
31	28	26	26	24	23	28	21	23	15	25
-4.94	10.72	-10.97	-8.87	-.50	-26.59	8.65	-34.62	-5.37	20.25	-10.05
2,884	3,017	2,672	2,933	2,973	2,689	3,302	2,471	2,664	2,820	2,813
3,265	3,577	2,937	3,609	2,903	3,021	3,937	2,833	3,203	3,592	3,204
13.20	18.55	9.91	23.04	-2.35	12.31	19.21	14.66	20.20	27.35	13.90
10.698	26.374	38.130	22.425	21.961	12.361	11.993	26.829	14.258	.943	185.572
12.903	25.925	39.746	17.935	14.326	16.368	12.605	25.396	13.333	1.155	179.692
20.61	-1.70	4.24	-20.02	-34.77	32.42	5.10	-5.34	-6.49	112.71	-3.17

TABLE 16
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL I LOWER LEVEL			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTER
DIRECT TEACHING	1969	7.92	6.83		9.13				
	1971	8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.3
PERCENT CHANGED		12.80	14.99		51.84				
TOTAL INSTRUCTIONAL	1969	10.33	8.80		14.21				
	1971	18.04	14.73	13.36	19.20	11.83	11.84	13.16	13.4
PERCENT CHANGED		74.61	67.00		35.10				
FTE STDNT-FACULTY RATIO	1969	20.59	24.79		19.23				
	1971	20.85	26.38	18.86	15.99	17.54	23.43	15.34	18.6
PERCENT CHANGED		1.27	6.41		-16.84				
STCRHRS / FTE TEACH-FAC	1969	308.84	371.91		288.49				
	1971	312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.3
PERCENT CHANGED		1.27	6.41		-16.84				
STUDENT CRHRS PRODUCED	1969	1,362	1,504		1,308				
	1971	1,566	1,655	736	1,543	841	153	766	1,11
PERCENT CHANGED		14.98	10.04		17.97				
WEIGHTED AVG. CLASS SIZE	1969	30	31		22				
	1971	28	29	26	21	24	31	19	2
PERCENT CHANGED		-3.77	-7.22		-3.26				
AVG. SALARY/FTE TEACH	1969	2,445	2,538		2,633				
	1971	2,793	3,106	2,823	3,324	2,757	2,400	2,983	2,90
PERCENT CHANGED		14.24	22.36		26.28				
NO. OF FTE TEACHING FAC.	1969	4.410	4.044		4.534				
	1971	5.007	4.182	2.602	6.432	3.197	.500	3.396	3.98
PERCENT CHANGED		13.54	3.41		41.86				

TABLE 16
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVEL 1 LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
7.92	6.83		9.13					7.90	8.26
8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.37	10.18	9.76
12.80	14.99		51.84					28.75	18.11
10.33	8.80		14.21					10.99	13.76
18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	15.39
74.61	67.00		35.10					46.27	11.83
20.59	24.79		19.23					21.43	22.56
20.85	26.38	18.86	15.99	17.56	20.40	15.04	18.69	19.74	21.75
1.27	6.41		-16.84					-7.89	-3.58
308.84	371.91		288.49					321.37	338.39
312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.37	296.03	326.26
1.27	6.41		-16.84					-7.89	-3.58
1,362	1,504		1,308					4,174	67,190
1,566	1,655	736	1,543	841	153	766	1,117	6,341	65,618
14.98	10.04		17.97					51.92	-2.34
30	31		22					27	28
28	29	26	21	24	31	19	21	26	25
-3.77	-7.22		-3.26					-5.79	-9.74
2,445	2,538		2,633					2,540	2,795
2,793	3,106	2,823	3,324	2,757	2,400	2,580	2,907	3,012	3,184
14.24	22.36		26.28					18.60	13.90
4,410	4,044		4,534					12,988	198,560
5,007	4,182	2,602	6,432	3,197	.500	3,396	3,984	21,420	201,112
13.54	3.41		41.86					64.92	1.29

TABLE 17
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL 2 UPPER LEVEL		
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969	10.48	12.35	10.07	13.31	11.93	8.98	15.34
	1971	11.70	13.27	12.02	12.54	17.93	13.48	19.59
PERCENT CHANGED		11.71	7.45	19.40	-5.79	50.25	50.04	27.74
TOTAL INSTRUCTIONAL	1969	17.60	18.81	20.46	19.76	20.76	13.59	23.88
	1971	17.29	19.46	20.24	19.49	25.80	19.80	27.35
PERCENT CHANGED		-1.74	3.43	-1.07	-1.37	24.27	45.62	14.52
FTE STDNT-FACULTY RATIO	1969	21.25	18.64	22.35	18.27	18.82	23.64	14.51
	1971	22.58	21.53	21.87	22.10	13.40	18.72	13.90
PERCENT CHANGED		6.29	15.49	-2.16	21.01	-28.77	-20.80	-4.20
STCRHRS / FTE TEACH-FAC	1969	318.69	279.62	335.22	273.98	282.27	354.53	217.64
	1971	338.73	322.93	327.98	331.56	201.04	280.79	208.52
PERCENT CHANGED		6.29	15.49	-2.16	21.02	-28.78	-20.80	-4.19
STUDENT CRHRS PRODUCED	1969	5,101	7,789	10,832	8,567	5,613	5,681	1,236
	1971	6,068	9,202	12,429	10,213	3,663	5,059	1,904
PERCENT CHANGED		18.96	18.14	14.74	19.21	-34.74	-10.95	54.05
WEIGHTED AVG. CLASS SIZE	1969	14	15	16	17	15	21	8
	1971	16	19	23	10	11	17	12
PERCENT CHANGED		16.84	20.87	38.62	-37.43	-25.60	-16.30	37.55
AVG. SALARY/FTE TEACH	1969	3,339	3,452	3,375	3,647	3,369	3,184	3,338
	1971	3,965	4,284	3,943	4,158	3,605	3,784	4,085
PERCENT CHANGED		18.73	24.10	16.83	14.01	7.02	18.85	22.39
NO. OF FTE TEACHING FAC.	1969	16.006	27.856	32.313	31.269	19.885	16.024	5.679
	1971	17.914	28.495	37.896	30.803	18.220	18.017	9.131
PERCENT CHANGED		11.92	2.29	17.28	-1.49	-8.37	12.44	60.79

TABLE 17
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVEL 2 UPPER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	10.48	12.35	10.07	13.31	11.93	8.98	15.34	8.90	10.06	25.30	10.77
	11.70	13.27	12.02	12.54	17.93	13.48	19.59	9.57	12.18	10.60	12.12
	11.71	7.45	19.40	-5.79	50.25	50.04	27.74	7.61	21.09	-58.08	12.60
	17.60	18.81	20.46	19.76	20.76	13.59	23.88	19.79	14.32	43.70	18.95
	17.29	19.46	20.24	19.49	25.80	19.80	27.35	17.50	19.33	17.98	19.38
	-1.74	3.43	-1.07	-1.37	24.27	45.62	14.52	-11.58	35.03	-58.85	2.20
	21.25	18.64	22.35	18.27	18.82	23.64	14.51	25.28	23.25	7.71	21.10
	22.58	21.53	21.87	22.10	13.40	18.72	13.90	24.33	20.71	18.69	21.16
	6.29	15.49	-2.16	21.01	-28.77	-20.80	-4.20	-3.77	-10.94	142.28	.30
	318.69	279.62	335.22	273.98	282.27	354.53	217.64	379.21	348.79	115.67	316.47
	338.73	322.93	327.98	331.56	201.04	280.79	208.52	364.92	310.62	280.34	317.43
	6.29	15.49	-2.16	21.02	-28.78	-20.80	-4.19	-3.77	-10.94	142.36	.30
	5,101	7,789	10,832	8,567	5,613	5,681	1,236	16,261	5,934	516	67,530
	6,068	9,202	12,429	10,213	3,663	5,059	1,904	20,448	5,904	984	75,874
	18.96	18.14	14.74	19.21	-34.74	-10.95	54.05	25.75	-.51	90.70	12.36
	14	15	16	17	15	21	8	18	20	10	16
	16	19	23	10	11	17	12	18	17	12	16
	16.84	20.87	38.62	-37.43	-25.60	-16.30	37.55	-.17	-16.10	19.26	-3.19
	3,339	3,452	3,375	3,647	3,369	3,184	3,338	3,373	3,508	2,926	3,407
	3,965	4,284	3,943	4,158	3,605	3,784	4,085	3,493	3,783	2,972	3,848
	18.73	24.10	16.83	14.01	7.02	18.85	22.39	3.55	7.85	1.56	12.94
	16.006	27.856	32.313	31.269	19.885	16.024	5.679	42.881	17.013	4.461	213.387
	17.914	28.495	37.896	30.803	18.220	18.017	9.131	56.035	19.007	3.510	239.028
	11.92	2.29	17.28	-1.49	-8.37	12.44	63.79	30.68	11.72	-21.32	12.02

TABLE 18
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVELS 3 & 5 MASTERS AND PROFESSIO

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969	20.80	24.86	14.99	18.96	22.67	19.33	41.71
	1971	22.13	23.97	21.92	18.80	17.88	21.93	17.17
PERCENT CHANGED		6.39	-3.58	46.16	-.83	-21.11	13.46	-58.82
TOTAL INSTRUCTIONAL	1969	27.53	34.26	26.18	25.91	33.31	24.90	50.77
	1971	31.89	32.75	38.09	25.91	28.07	31.50	24.10
PERCENT CHANGED		15.83	-4.38	45.47		-15.74	26.51	-52.52
FTE STDNT-FACULTY RATIO	1969	16.31	12.39	22.12	18.74	15.37	16.12	8.37
	1971	16.08	15.53	17.22	20.29	20.17	14.92	21.58
PERCENT CHANGED		-1.44	25.32	-22.16	8.23	31.17	-7.41	157.84
STCRHRS / FTE TEACH-FAC	1969	195.76	148.64	265.48	224.90	184.48	193.41	100.42
	1971	192.93	186.30	206.64	243.42	242.01	179.07	259.01
PERCENT CHANGED		-1.44	25.33	-22.16	8.23	31.18	-7.41	157.92
STUDENT CRHRS PRODUCED	1969	471	1,729	4,921	1,503	642	1,056	216
	1971	890	2,553	6,274	1,747	1,158	2,028	503
PERCENT CHANGED		88.96	47.66	27.49	16.23	80.37	92.05	132.87
WEIGHTED AVG. CLASS SIZE	1969	11	9	15	15	11	12	7
	1971	11	10	13	13	17	12	13
PERCENT CHANGED		-4.84	18.17	-16.65	-11.99	46.93	4.67	70.22
AVG. SALARY/FTE TEACH	1969	4,072	3,696	3,980	4,264	4,182	3,738	4,188
	1971	4,269	4,466	4,528	4,577	4,328	3,927	4,447
PERCENT CHANGED		4.86	20.85	13.77	7.34	3.48	5.05	6.18
NO. OF FTE TEACHING FAC.	1969	2.406	11.632	18.536	6.683	3.483	9.463	2.151
	1971	4.613	13.704	30.362	7.177	4.785	11.325	1.942
PERCENT CHANGED		91.73	17.81	63.80	7.39	37.50	107.42	-9.72

TABLE 18
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
20.80	24.86	14.99	18.96	22.67	19.33	41.71	16.85	29.00	35.58	18.39
22.13	23.97	21.92	18.80	17.88	21.93	17.17	18.11	15.20	13.60	19.79
6.39	-3.58	46.16	-.83	-21.11	13.46	-58.82	7.50	-47.59	-61.78	7.63
27.53	34.26	26.18	25.91	33.31	24.90	50.77	34.78	35.22	56.22	30.90
31.89	32.75	38.09	25.91	28.07	31.50	24.10	35.49	25.28	21.48	33.03
15.83	-4.38	45.47		-15.74	26.51	-52.52	2.06	-28.22	-61.78	6.89
16.31	12.39	22.12	18.74	15.37	16.12	8.37	19.34	11.44	10.21	17.87
16.08	15.53	17.22	20.29	20.17	14.92	21.58	20.40	22.13	23.68	18.42
-1.44	25.32	-22.16	8.23	31.17	-7.41	157.84	5.49	93.44	131.83	3.08
195.76	148.64	265.48	224.90	184.48	193.41	100.42	232.10	137.23	122.55	214.38
192.93	186.30	206.64	243.42	242.01	179.07	259.01	244.84	265.51	284.17	221.00
-1.44	25.33	-22.16	8.23	31.18	-7.41	157.92	5.49	93.48	131.87	3.08
471	1,729	4,921	1,503	642	1,056	216	6,167	282	75	17,162
890	2,553	6,274	1,747	1,158	2,028	503	7,419	1,374	1,023	24,969
88.96	47.66	27.49	16.23	80.37	92.05	132.87	20.30	387.23	1,264.00	46.34
11	9	15	15	11	12	7	11	10	8	12
11	10	13	13	17	12	13	10	19	13	12
-4.84	18.17	-16.65	-11.99	46.93	4.67	70.22	-9.06	75.61	49.18	-1.31
4,072	3,696	3,980	4,264	4,182	3,738	4,188	3,911	3,980	4,361	3,943
4,269	4,466	4,528	4,577	4,328	3,927	4,447	4,435	4,035	3,864	4,374
4.86	20.85	13.77	7.34	3.48	5.05	6.18	13.40	1.39	-11.40	10.95
2.406	11.632	18.536	6.683	3.480	5.460	2.151	26.571	2.055	.612	79.586
4.613	13.704	30.362	7.177	4.785	11.325	1.942	30.301	5.175	3.600	112.984
91.73	17.81	63.80	7.39	37.50	107.42	-9.72	14.04	151.82	488.24	41.96

TABLE 19
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		EDUCATION				LEVEL 4 DOCTORAL		
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969			46.33				
	1971		55.79	71.44	33.85			
PERCENT CHANGED				54.20				
TOTAL INSTRUCTIONAL	1969			67.66				
	1971		59.71	95.57	42.92			
PERCENT CHANGED				41.25				
FTE STDNT-FACULTY RATIO	1969			7.74				
	1971		8.07	5.90	11.62			
PERCENT CHANGED				-23.83				
STCRHRS / FTE TEACH-FAC	1969			92.89				1
	1971		96.77	70.74	139.48			1
PERCENT CHANGED				-23.85				
STUDENT CRHRS PRODUCED	1969			294				
	1971		252	417	218			
PERCENT CHANGED				41.84				
WEIGHTED AVG. CLASS SIZE	1969			5				
	1971		4	5	9			
PERCENT CHANGED				5.75				
AVG. SALARY/FTE TEACH	1969			4,303				
	1971		5,399	5,053	4,721			
PERCENT CHANGED				17.43				
NO. OF FTE TEACHING FAC.	1969			3.165				
	1971		2.604	5.895	1.563			1
PERCENT CHANGED				86.26				

TABLE 19
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION LEVEL 4 DOCTORAL

SU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
		46.33					40.08			41.73
	55.79	71.44	33.85				43.59			49.07
		54.20					8.77			17.57
		67.66					79.54			76.39
	59.71	95.57	42.92				78.68			76.27
		41.25					-1.08			-.16
		7.74					10.05			9.31
	8.07	5.90	11.62				10.24			8.89
		-23.83					1.97			-4.54
		92.89					120.54			111.72
	96.77	70.74	139.48				122.91			106.65
		-23.85					1.97			-4.54
		294					814			1,108
	252	417	218				1,406			2,293
		41.84					72.73			106.95
		5					4			4
	4	5	9				4			5
		5.75					7.07			5.55
		4,303					4,831			4,662
	5,399	5,053	4,721				5,358			5,233
		17.43					10.91			12.24
		3,165					6,753			9,918
	2,604	5,895	1,563				11,439			21,501
		86.26					69.39			116.79

TABLE 20
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		EDUCATION APSU	ETSU	MSU	MTSU	TOTAL ALL LEVELS TSU	TTU	UT CHATT.
DIRECT TEACHING	1969	9.55	12.79	10.41	11.08	10.27	8.60	13.86
	1971	11.88	13.67	14.20	11.46	12.77	12.08	14.06
PERCENT CHANGED		24.37	6.87	36.34	3.44	24.37	40.37	1.41
TOTAL INSTRUCTIONAL	1969	14.92	18.98	20.27	17.26	17.26	12.63	19.11
	1971	17.23	19.24	23.96	17.72	19.29	18.72	20.58
PERCENT CHANGED		15.46	1.35	18.18	2.63	11.75	48.20	7.68
FTE STDNT-FACULTY RATIO	1969	22.83	17.75	21.67	21.17	21.27	24.49	16.58
	1971	21.45	20.67	18.85	24.15	18.41	20.31	19.50
PERCENT CHANGED		-6.01	16.42	-13.03	14.07	-13.42	-17.03	17.61
STCRHRS / FTE TEACH-FAC	1969	338.34	259.71	310.92	311.28	315.45	359.49	245.93
	1971	315.50	300.11	268.01	353.63	268.41	293.61	287.14
PERCENT CHANGED		-6.75	15.55	-13.80	13.61	-14.91	-18.33	16.76
STUDENT CRHRS PRODUCED	1969	9,849	17,105	28,649	18,796	14,298	12,167	4,875
	1971	11,178	21,226	30,526	20,326	10,020	13,421	6,799
PERCENT CHANGED		13.49	24.09	6.55	8.15	-29.92	10.31	39.47
WEIGHTED AVG. CLASS SIZE	1969	18	17	19	21	18	23	16
	1971	19	19	20	14	16	18	19
PERCENT CHANGED		3.71	9.46	.93	-31.46	-12.98	-18.73	19.88
AVG. SALARY/FTE TEACH	1969	3,232	3,321	3,238	3,450	3,240	3,093	3,409
	1971	3,749	4,101	3,805	4,054	3,429	3,546	4,036
PERCENT CHANGED		15.99	23.49	17.53	17.51	5.83	14.66	18.40
NO. OF FTE TEACHING FAC.	1969	29.110	65.862	92.144	60.377	45.326	33.845	19.823
	1971	35.430	70.728	113.899	57.478	37.331	45.710	23.678
PERCENT CHANGED		21.71	7.39	23.61	-4.80	-17.64	35.06	19.45

TABLE 20
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION TOTAL ALL LEVELS

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9	9.55	12.79	10.41	11.08	10.27	8.60	13.86	10.56	11.29	24.48	10.82
1	11.88	13.67	14.20	11.46	12.77	12.08	14.06	12.81	12.95	12.48	12.94
	24.37	6.87	36.34	3.44	24.37	40.37	1.41	21.25	14.76	-49.00	19.62
9	14.92	18.98	20.27	17.26	17.26	12.63	19.11	21.93	15.60	42.77	18.63
1	17.23	19.24	23.96	17.72	19.29	18.72	20.58	23.30	20.42	19.83	20.80
	15.46	1.35	18.18	2.63	11.75	48.20	7.68	6.23	29.18	-53.62	11.67
9	22.83	17.75	21.67	21.17	21.27	24.49	16.58	22.41	18.90	8.59	20.92
1	21.45	20.67	18.85	24.15	18.41	20.31	19.50	20.77	19.20	20.48	20.39
	-6.01	16.42	-13.03	14.07	-13.42	-17.03	17.61	-7.32	1.57	138.26	-2.50
9	338.34	259.71	310.92	311.28	315.45	359.49	245.93	319.27	281.40	125.53	304.46
1	315.50	300.11	268.01	353.63	268.41	293.61	287.14	293.70	278.80	276.23	293.59
	-6.75	15.55	-13.80	13.61	-14.91	-18.33	16.76	-8.01	-.93	120.04	-3.57
9	9,849	17,105	28,649	18,794	14,298	12,167	4,875	32,896	9,378	705	148,716
1	11,178	21,226	30,526	20,326	10,020	13,421	6,799	36,175	10,459	2,283	162,413
	13.49	24.09	6.55	8.15	-29.92	10.31	39.47	9.97	11.53	223.83	9.21
9	18	17	19	21	18	23	16	17	21	10	18
1	19	19	20	14	16	18	19	14	19	13	17
	3.71	9.46	.93	-31.46	-12.98	-18.73	19.88	-14.63	-10.30	23.28	-9.63
9	3,232	3,321	3,238	3,450	3,240	3,093	3,409	3,372	3,176	3,072	3,294
1	3,749	4,101	3,805	4,054	3,429	3,546	4,036	3,762	3,612	3,447	3,800
	15.99	23.49	17.53	17.51	5.83	14.66	18.40	11.55	13.71	12.19	15.36
9	29.110	65.862	92.144	60.377	45.326	33.845	19.823	103.034	33.326	5.616	488.463
1	35.430	70.728	113.899	57.478	37.331	45.710	23.678	123.171	37.515	8.265	553.205
	21.71	7.39	23.61	-4.80	-17.64	35.06	19.45	19.54	12.57	47.17	13.25

TABLE 20
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WAL
		EDUCATION			TOTAL ALL LEVELS				
DIRECT TEACHING	1969	7.92	6.83		9.13				
	1971	8.93	7.85	9.98	13.86	10.48	7.84	11.44	1
PERCENT CHANGED		12.80	14.99		51.84				
TOTAL INSTRUCTIONAL	1969	10.33	8.80		14.21				
	1971	18.04	14.70	13.36	19.20	11.83	11.84	13.16	1
PERCENT CHANGED		74.61	67.00		35.10				
FTE STDNT-FACULTY RATIO	1969	20.59	24.79		19.23				
	1971	20.85	26.38	18.86	15.99	17.54	20.40	15.04	1
PERCENT CHANGED		1.27	6.41		-16.84				
STCRHRS / FTE TEACH-FAC	1969	308.84	371.91		288.49				
	1971	312.76	395.74	282.86	239.89	263.06	306.00	225.56	28
PERCENT CHANGED		1.27	6.41		-16.84				
STUDENT CRHRS PRODUCED	1969	1,362	1,504		1,308				
	1971	1,566	1,655	736	1,543	841	153	766	1
PERCENT CHANGED		14.98	10.04		17.97				
WEIGHTED AVG. CLASS SIZE	1969	30	31		22				
	1971	28	29	26	21	24	31	19	
PERCENT CHANGED		-3.77	-7.22		-3.26				
AVG. SALARY/FTE TEACH	1969	2,445	2,538		2,633				
	1971	2,793	3,106	2,823	3,324	2,757	2,400	2,583	2
PERCENT CHANGED		14.24	22.36		26.28				
NO. OF FTE TEACHING FAC.	1969	4.410	4.044		4.534				
	1971	5.007	4.182	2.602	6.432	3.197	.500	3.396	
PERCENT CHANGED		13.54	3.41		41.86				

TABLE 20
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

EDUCATION			TOTAL ALL LEVELS						
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
7.92	6.83		9.13					7.90	10.74
8.93	7.85	9.98	13.86	10.48	7.84	11.44	10.37	10.18	12.84
12.80	14.99		51.84					28.75	19.54
10.33	8.80		14.21					10.99	18.42
18.04	14.70	13.36	19.20	11.83	11.84	13.16	13.46	16.08	20.62
74.61	67.00		35.10					46.27	11.96
20.59	24.79		19.23					21.43	20.93
20.85	26.38	18.86	15.99	17.54	20.40	15.04	18.69	19.74	20.37
1.27	6.41		-16.84					-7.89	-2.68
308.84	371.91		288.49					321.37	304.90
312.76	395.74	282.86	239.89	263.06	306.00	225.56	280.37	296.03	293.68
1.27	6.41		-16.84					-7.89	-3.68
1,362	1,504		1,308					4,174	152,890
1,566	1,655	736	1,543	841	153	766	1,117	6,341	168,754
14.98	10.04		17.97					51.92	10.38
30	31		22					27	19
28	29	26	21	24	31	19	21	26	17
-3.77	-7.22		-3.26					-5.79	-9.24
2,445	2,538		2,633					2,540	3,275
2,793	3,106	2,823	3,324	2,757	2,403	2,583	2,907	3,012	3,771
14.24	22.36		26.28					18.60	15.15
4.410	4.044		4.534					12.988	501.451
5.007	4.182	2.602	6.432	3.197	.500	3.396	3.984	21.420	574.625
13.54	3.41		41.86					64.92	14.59

TABLE 21
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		APSU	ENGINEERING ETSU	MSU	MTSU	LEVEL I LOWER LEVEL TSU	UTC	UT CHATT.
DIRECT TEACHING	1969		12.05	12.07	11.50	16.97	9.58	11.29
	1971		15.31	14.60	10.84	19.19	9.57	25.97
PERCENT CHANGED			27.03	20.95	-5.77	13.09	-.06	130.06
TOTAL INSTRUCTIONAL	1969		21.33	47.18	18.61	31.44	23.37	15.53
	1971		26.43	32.15	18.47	34.25	24.55	46.25
PERCENT CHANGED			23.95	-31.84	-.73	8.93	5.03	197.73
FTE STDNT-FACULTY RATIO	1969		20.88	17.50	20.68	14.38	21.49	20.07
	1971		18.10	17.84	24.08	14.39	25.63	11.52
PERCENT CHANGED			-13.33	1.94	16.48	.02	19.23	-42.60
STCRHRS / FTE TEACH-FAC	1969		313.25	262.55	310.13	215.74	322.39	301.00
	1971		271.48	267.66	361.26	215.78	384.40	172.73
PERCENT CHANGED			-13.34	1.94	16.48	.02	19.23	-42.61
STUDENT CRHRS PRODUCED	1969		156	2,379	1,417	850	3,379	875
	1971		989	3,051	1,669	938	2,755	693
PERCENT CHANGED			533.97	28.25	17.78	10.35	-18.47	-20.80
WEIGHTED AVG. CLASS SIZE	1969		26	21	21	12	26	22
	1971		20	22	23	12	31	18
PERCENT CHANGED			-23.47	4.62	7.79	.31	18.73	-20.35
AVG. SALARY/FTE TEACH	1969		3,775	3,168	3,568	3,660	3,087	3,397
	1971		4,156	3,907	3,916	4,140	3,678	4,486
PERCENT CHANGED			10.10	23.31	9.76	13.12	19.15	32.05
NO. OF FTE TEACHING FAC.	1969		.498	9.061	4.569	3.940	10.481	2.907
	1971		3.643	11.399	4.620	4.347	7.167	4.012
PERCENT CHANGED			631.53	25.80	1.12	10.33	-31.62	38.01

TABLE 21
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING LEVEL I LOWER LEVEL

PSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	12.05	12.07	11.50	16.97	9.58	11.29	11.78	18.33	34.57	12.29
	15.31	14.60	10.84	19.19	9.57	25.97	16.09	21.33	9.72	15.12
	27.03	20.95	-5.77	13.09	-.06	130.06	36.56	16.35	-71.87	23.03
	21.33	47.18	18.61	31.44	23.37	15.53	24.23	24.14	55.55	26.71
	26.43	32.15	19.47	34.25	24.55	46.25	33.42	38.24	21.54	30.73
	23.95	-31.84	-.73	8.93	5.03	197.73	37.90	58.43	-61.23	15.04
	20.88	17.50	20.68	14.38	21.49	20.07	20.11	12.02	5.96	18.43
	18.10	17.84	24.08	14.39	25.63	11.52	16.07	11.93	20.90	17.27
	-13.33	1.94	16.48	.02	19.23	-42.60	-20.08	-.77	250.71	-6.31
	313.25	262.55	310.13	215.74	322.39	301.00	301.61	180.27	89.33	276.45
	271.48	267.66	361.26	215.78	384.40	172.73	241.03	178.90	313.52	258.98
	-13.34	1.94	16.48	.02	19.23	-42.61	-20.09	-.76	250.95	-6.32
	156	2,379	1,417	850	3,379	875	8,981	1,250	211	19,498
	989	3,051	1,669	938	2,755	693	5,881	1,319	269	17,564
	533.97	28.25	17.78	10.35	-18.47	-20.80	-34.52	5.52	27.49	-9.92
	26	21	21	12	26	22	28	17	8	23
	20	22	23	12	31	18	24	14	21	21
	-23.47	4.62	7.79	.31	18.73	-20.35	-15.41	-16.37	145.99	-7.18
	3,775	3,168	3,568	3,660	3,387	3,397	3,553	3,304	3,088	3,396
	4,156	3,907	3,916	4,140	3,678	4,486	3,878	3,815	3,048	3,915
	10.10	23.31	9.76	13.12	19.15	32.05	9.15	15.47	-1.32	15.26
	.498	9.061	4.569	3.940	10.481	2.907	29.777	6.934	2.362	70.329
	3.643	11.399	4.620	4.347	7.167	4.012	24.400	7.373	.858	67.819
	631.53	25.80	1.12	10.33	-31.62	38.01	-18.06	6.33	-63.67	-3.84

TABLE 21
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.
DIRECT TEACHING	1969							
	1971						19.64	
PERCENT CHANGED								
TOTAL INSTRUCTIONAL	1969							
	1971						52.54	
PERCENT CHANGED								
FTE STDNT-FACULTY RATIO	1969							
	1971						9.39	
PERCENT CHANGED								
STCRHRS / FTE TEACH-FAC	1969							
	1971						142.85	
PERCENT CHANGED								
STUDENT CRHRS PRODUCED	1969							
	1971						30	
PERCENT CHANGED								
WEIGHTED AVG. CLASS SIZE	1969							
	1971						10	
PERCENT CHANGED								
AVG. SALARY/FTE TEACH	1969							
	1971						2.766	
PERCENT CHANGED								
NO. OF FTE TEACHING FAC.	1969							
	1971						.213	
PERCENT CHANGED								

TABLE 21
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING LEVEL I LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
									12.29
					19.64				15.12
									23.03
									26.71
					52.54				30.72
									15.04
									18.43
					9.39				17.27
									-6.31
									276.45
					140.85				258.98
									-6.32
									19,498
					30				17,564
									-9.92
									23
					10				21
									-7.18
									3,396
					2,766				3,415
									15.26
									70.529
					.213				67.819
									-3.84

TABLE 22
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	KN
			ENGINEERING			LEVEL 2 UPPER LEVEL			
DIRECT TEACHING	1969		15.30	18.86	21.70	20.13	14.11	11.88	15
	1971		22.39	24.94	19.97	30.50	19.43	22.32	16
PERCENT CHANGED			46.32	32.23	-8.00	51.52	37.70	87.91	19
TOTAL INSTRUCTIONAL	1969		26.25	52.15	30.14	39.95	34.90	16.70	41
	1971		34.33	52.59	29.84	54.95	42.43	43.43	45
PERCENT CHANGED			30.75	.84	-.98	37.55	21.57	159.97	8
FTE STDNT-FACULTY RATIO	1969		15.70	12.73	11.57	12.86	17.39	15.25	17
	1971		13.16	12.60	13.05	8.66	14.77	11.09	16
PERCENT CHANGED			-16.16	-5.73	12.84	-32.63	-15.10	-27.27	-7
STC*HRS / FTE TEACH-FAC	1969		235.53	190.94	173.49	192.90	260.88	228.78	263
	1971		197.45	180.00	195.78	129.93	221.48	166.36	243
PERCENT CHANGED			-16.17	-5.73	12.85	-32.64	-15.10	-27.28	-7
STUDENT CRHRS PRODUCED	1969		867	2,551	585	1,065	6,090	477	10,
	1971		1,392	2,711	975	948	5,104	451	9,
PERCENT CHANGED			60.55	6.27	66.67	-10.99	-16.19	-5.45	-7
WEIGHTED AVG. CLASS SIZE	1969		17	14	12	9	18	16	
	1971		14	13	13	8	17	15	
PERCENT CHANGED			-17.40	-9.79	13.22	-11.79	-5.87	-6.79	-1
AVG. SALARY/FTE TEACH	1969		3,603	3,602	3,765	3,883	3,680	2,719	4,
	1971		4,420	4,490	3,909	3,963	4,303	3,714	4,
PERCENT CHANGED			22.67	24.65	3.82	2.07	16.91	36.59	10
NO. OF FTE TEACHING FAC.	1969		3.681	13.360	3.372	5.521	23.344	2.085	39.
	1971		7.050	15.061	4.980	7.296	23.045	2.711	39.
PERCENT CHANGED			91.52	12.73	47.69	32.15	-1.28	30.02	

TABLE 22
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	15.30	18.86	21.70	20.13	14.11	11.88	15.36	25.76	26.33	15.83
	22.39	24.94	19.97	30.50	19.43	22.32	18.36	28.79	13.59	20.36
	46.32	32.23	-8.00	51.52	37.70	87.91	19.52	3.99	-48.36	28.61
	26.25	52.15	30.14	39.95	34.90	16.70	41.89	31.75	46.37	39.58
	34.33	52.59	29.84	54.95	42.43	43.43	45.61	45.24	30.06	44.39
	30.75	.84	-.98	37.55	21.57	159.97	8.88	42.48	-35.18	12 14
	15.70	12.73	11.57	12.86	17.39	15.25	17.56	10.20	9.37	14.08
	13.16	12.00	13.05	8.66	14.77	11.09	16.23	8.77	18.92	14.16
	-16.16	-5.73	12.84	-32.63	-15.13	-27.27	-7.62	-14.05	101.88	-11.94
	235.53	190.94	173.49	192.90	260.88	229.78	263.46	153.06	140.56	241.22
	197.45	180.00	195.78	129.93	221.48	166.36	243.39	131.55	283.84	212.41
	-16.17	-5.73	12.85	-32.64	-15.13	-27.28	-7.62	-14.06	101.93	-11.94
	867	2,551	585	1,065	6,090	477	10,443	90	105	22,273
	1,392	2,711	975	948	5,104	451	9,656	216	390	21,843
	60.55	6.27	66.67	-10.99	-16.19	-5.45	-7.54	140.00	271.43	-1.93
	17	14	12	9	18	16	18	15	9	16
	14	13	13	8	17	15	17	11	12	15
	-17.40	-9.79	13.22	-11.79	-5.87	-6.79	-1.61	-23.43	33.17	-6.25
	3,603	3,602	3,765	3,883	3,580	2,719	4,047	3,943	3,701	3,819
	4,420	4,490	3,909	3,963	4,303	3,714	4,469	3,524	3,859	4,325
	22.67	24.65	3.82	2.07	16.91	36.59	10.42	-10.62	4.25	13.26
	3,681	13.360	3.372	5.521	23.344	2.085	39.638	.988	.747	92.336
	7.050	15.061	4.980	7.296	33.045	2.711	39.673	1.642	1.374	102.832
	91.52	12.73	47.69	32.15	-1.28	33.02	.09	179.25	83.94	11.37

TABLE 23
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

			ENGINEERING		LEVELS 3 & 5 MASTERS AND PROFESSION			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	K
DIRECT TEACHING	1969		41.65	36.65	107.14		43.25		3
	1971		40.83	51.31	13.02		58.27		4
PERCENT CHANGED			-1.97	40.00	-87.85		35.34		2
TOTAL INSTRUCTIONAL	1969		55.46	91.81	120.42		94.35		9
	1971		56.43	105.37	18.48		206.43		12
PERCENT CHANGED			1.75	14.76	-84.65		118.76		3
FTE STDNT-FACULTY RATIO	1969		7.33	11.03	3.19		7.88		
	1971		9.65	8.41	21.49		6.40		
PERCENT CHANGED			31.71	-23.70	572.08		-18.84		-
STCRHRS / FTE TEACH-FAC	1969		87.91	132.33	38.31		94.57		11
	1971		115.82	100.95	257.86		76.74		10
PERCENT CHANGED			31.75	-23.71	572.95		-18.85		-
STUDENT CRHRS PRODUCED	1969		24	431	30		717		2
	1971		112	456	123		764		2
PERCENT CHANGED			366.67	5.80	310.00		6.56		-1
WEIGHTED AVG. CLASS SIZE	1969		22	9	4		5		
	1971		6	6	17		4		
PERCENT CHANGED			-69.57	-33.02	272.13		-9.69		-
AVG. SALARY/FTE TEACH	1969		3,662	4,849	4,105		4,071		4
	1971		4,729	5,179	3,357		4,471		5
PERCENT CHANGED			29.15	6.81	-18.22		9.82		1
NO. OF FTE TEACHING FAC.	1969		.273	3.257	.783		7.582		26
	1971		.967	4.517	.477		9.956		24
PERCENT CHANGED			254.21	38.69	-39.08		31.31		-

TABLE 23
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	41.65	36.65	107.14		43.05		38.91		53.46	40.10
	40.83	51.31	13.02		58.27		46.89		17.91	47.73
	-1.97	40.00	-87.85		35.34		20.49		-66.49	19.02
	55.46	91.81	120.42		94.35		91.79		86.62	92.14
	56.43	105.37	18.48		206.40		121.04		74.53	129.26
	1.75	14.76	-84.65		118.76		31.87		-13.96	40.27
	7.33	11.03	3.19		7.88		9.48		5.00	9.04
	9.65	8.41	21.49		6.40		9.10		18.75	8.61
	31.71	-23.70	572.08		-18.84		-3.98		274.73	-4.77
	87.91	132.33	38.31		94.57		113.75		60.00	108.44
	115.82	100.95	257.86		76.74		109.22		225.00	103.27
	31.75	-23.71	572.95		-18.85		-3.98		274.98	-4.77
	24	431	30		717		2,976		63	4,241
	112	456	123		764		2,658		81	4,194
	366.67	5.80	310.00		6.56		-10.69		28.57	-1.11
	22	9	4		5		6		4	6
	6	6	17		4		6		4	5
	-69.57	-33.02	272.13		-9.69		-7.45		-7.30	-9.23
	3,662	4,849	4,105		4,071		4,426		3,207	4,348
	4,729	5,179	3,357		4,471		5,121		4,030	4,929
	29.15	6.81	-18.22		9.82		15.69		25.64	13.34
	.273	3.257	.783		7.582		26.163		1.050	39.108
	.967	4.517	.477		9.956		24.336		.360	40.613
	254.21	38.69	-39.08		31.31		-6.98		-65.71	3.85

TABLE 24
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.
DIRECT TEACHING	1969							
	1971							
PERCENT CHANGED								
TOTAL INSTRUCTIONAL	1969							
	1971							
PERCENT CHANGED								
FTE STDNT-FACULTY RATIO	1969							
	1971							
PERCENT CHANGED								
STCPHRS / FTE TEACH-FAC	1969							
	1971							
PERCENT CHANGED								
STUDENT CRHRS PRODUCED	1969							
	1971							
PERCENT CHANGED								
WEIGHTED AVG. CLASS SIZE	1969							
	1971							
PERCENT CHANGED								
AVG. SALARY/FTE TEACH	1969							
	1971							
PERCENT CHANGED								
NO. OF FTE TEACHING FAC.	1969							
	1971							
PERCENT CHANGED								

TABLE 24
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING LEVEL 4 DOCTORAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							61.54			61.54
							98.88			98.88
							60.67			60.67
							156.22			156.22
							231.16			231.16
							47.97			47.97
							6.94			6.94
							4.49			4.49
							-35.29			-35.29
							83.29			83.29
							53.87			53.87
							-35.32			-35.32
							866			866
							547			547
							-36.84			-36.84
							3			3
							2			2
							-19.28			-19.28
							5,125			5,125
							5,326			5,326
							3.92			3.92
							10.398			10.398
							10.155			10.155
							-2.34			-2.34

TABLE 25
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ENGINEERING APSU	ETSU	MSU	MTSU	TOTAL ALL LEVELS TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969		15.42	17.28	15.85	18.73	14.64	11.50	18.
	1971		20.41	21.80	14.15	24.88	19.72	24.53	24.
PERCENT CHANGED			32.35	26.17	-10.72	32.83	34.66	113.34	28.
TOTAL INSTRUCTIONAL	1969		26.19	53.13	23.43	36.17	35.26	15.95	45.
	1971		32.19	46.43	22.48	44.66	51.24	45.14	57.
PERCENT CHANGED			22.91	-12.61	-4.06	23.45	45.33	183.04	26.
FTE STDNT-FACULTY RATIO	1969		15.77	14.20	15.59	13.49	16.69	18.06	15.
	1971		14.41	13.63	18.51	10.80	14.63	11.34	13.
PERCENT CHANGED			-8.58	-4.02	18.76	-19.96	-12.33	-37.16	-13.
STCHRS / FTE TEACH-FAC	1969		235.18	208.78	232.92	202.41	246.00	270.83	219.
	1971		213.81	200.73	274.59	161.99	214.67	170.16	190.
PERCENT CHANGED			-9.09	-3.85	17.89	-19.97	-12.73	-37.17	-13.
STUDENT CRHRS PRODUCED	1969		1,047	5,361	2,032	1,915	10,186	1,352	23,26
	1971		2,493	6,218	2,767	1,886	8,623	1,144	18,74
PERCENT CHANGED			138.11	15.99	36.17	-1.51	-15.34	-15.38	-19.
WEIGHTED AVG. CLASS SIZE	1969		18	16	17	10	16	20	
	1971		15	15	18	9	15	16	
PERCENT CHANGED			-17.61	-7.75	9.72	-5.69	-8.01	-15.60	-9.
AVG. SALARY/FTE TEACH	1969		3,626	3,607	3,692	3,790	3,602	3,114	4,10
	1971		4,363	4,376	3,886	4,029	4,233	4,175	4,51
PERCENT CHANGED			20.33	21.31	5.25	6.31	17.53	34.07	11.
NO. OF FTE TEACHING FAC.	1969		4.452	25.678	8.724	9.461	41.407	4.992	105.97
	1971		11.660	30.977	10.077	11.643	43.168	6.723	98.56
PERCENT CHANGED			161.90	20.64	15.51	23.06	-2.99	34.68	-6.9

TABLE 25
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	ENGINEERING				TOTAL ALL LEVELS					
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	15.42	17.28	15.85	18.73	14.64	11.50	18.71	18.83	35.43	17.40
	20.41	21.80	14.15	24.88	19.72	24.53	24.04	22.10	12.66	21.85
	32.35	26.17	-10.72	32.83	34.66	113.34	28.49	17.35	-64.26	25.58
	26.19	53.13	23.43	36.17	35.26	15.95	45.71	24.65	58.17	41.14
	32.19	46.43	22.48	44.66	51.24	45.14	57.90	39.22	31.83	49.33
	22.91	-12.61	-4.06	23.45	45.33	183.04	26.66	59.14	-45.28	19.91
	15.77	14.20	15.59	13.49	16.69	18.06	15.24	11.88	6.33	15.12
	14.41	13.63	18.51	10.80	14.63	11.34	13.22	11.35	19.55	13.65
	-8.58	-4.02	18.76	-19.96	-12.33	-37.16	-13.26	-4.42	208.84	-9.71
	235.18	208.78	232.92	202.41	246.30	270.83	219.54	178.14	91.13	220.74
	213.81	200.73	274.59	161.99	214.67	170.16	190.15	170.27	285.49	199.39
	-9.09	-3.85	17.89	-19.97	-12.73	-37.17	-13.39	-4.42	213.28	-9.67
	1,047	5,361	2,032	1,915	10,186	1,352	23,266	1,340	379	46,878
	2,493	6,218	2,767	1,886	8,623	1,144	18,742	1,535	740	44,148
	138.11	15.99	36.17	-1.51	-15.34	-15.38	-19.44	14.55	95.25	-5.82
	18	16	17	10	16	20	14	17	7	14
	15	15	18	9	15	16	12	14	11	13
	-17.61	-7.75	9.72	-5.69	-8.01	-15.60	-9.71	-18.45	50.90	-7.17
	3,626	3,607	3,692	3,790	3,502	3,114	4,108	3,354	3,228	3,840
	4,363	4,376	3,886	4,029	4,233	4,175	4,572	3,762	3,614	4,356
	20.33	21.31	5.25	6.31	17.53	34.07	11.30	12.17	11.94	13.44
	4,452	25,678	8,724	9,461	41,407	4,992	105,976	7,522	4,159	212,371
	11,660	30,977	10,077	11,643	40,168	6,723	98,564	9,015	2,592	221,419
	161.90	20.64	15.51	23.06	-2.99	34.68	-6.99	19.85	-37.68	4.26

TABLE 25
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		ENGINEERING					TOTAL ALL LEVELS	
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.
DIRECT TEACHING	1969							
	1971						19.64	
PERCENT CHANGED								
TOTAL INSTRUCTIONAL	1969							
	1971						62.54	
PERCENT CHANGED								
FTE STDNT-FACULTY RATIO	1969							
	1971						9.39	
PERCENT CHANGED								
STCRHRS / FTE TEACH-FAC	1969							
	1971						140.85	
PERCENT CHANGED								
STUDENT CRHRS PRODUCED	1969							
	1971						30	
PERCENT CHANGED								
WEIGHTED AVG. CLASS SIZE	1969							
	1971						13	
PERCENT CHANGED								
AVG. SALARY/FTE TEACH	1969							
	1971						2,766	
PERCENT CHANGED								
NO. OF FTE TEACHING FAC.	1969							
	1971						.213	
PERCENT CHANGED								

TABLE 25
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ENGINEERING — TOTAL ALL LEVELS

COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
								17.40
				19.64				21.85
								25.58
								41.14
				62.54				49.33
								19.91
								15.12
				9.39				13.65
								-9.71
								220.74
				140.85				199.39
								-9.67
								46,878
				30				44,148
								-5.82
								14
				13				13
								-7.17
								3,840
				2,766				4,356
								13.44
								212,371
				.213				221,419
								4.26

TABLE 26
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FINE AND APPLIED ARTS APSU	ETSU	MSU	MTSU	LEVEL I LOWER LEVEL TSU	TTU	UT CHATT.
DIRECT TEACHING	1969	9.41	9.32	10.10	8.95	10.54	10.24	12.65
	1971	14.41	11.30	8.97	16.00	13.03	13.57	15.76
PERCENT CHANGED		53.09	21.13	-11.23	78.75	23.63	32.56	24.55
TOTAL INSTRUCTIONAL	1969	14.78	14.90	17.79	17.91	19.63	26.29	18.89
	1971	20.97	16.35	17.26	28.53	18.13	27.06	23.33
PERCENT CHANGED		41.80	9.71	-3.00	59.25	-7.63	2.91	23.54
FTE STDNT-FACULTY RATIO	1969	23.09	21.86	19.24	21.75	19.80	20.29	19.92
	1971	16.00	22.19	25.81	14.85	17.62	16.92	16.08
PERCENT CHANGED		-30.70	1.52	41.49	-31.73	-10.99	-16.62	-19.28
STCHRS / FTE TEACH-FAC	1969	346.32	327.86	273.61	326.27	297.02	304.33	298.74
	1971	239.97	332.84	387.18	222.73	264.36	253.74	241.12
PERCENT CHANGED		-30.71	1.52	41.51	-31.73	-11.00	-16.62	-19.29
STUDENT CRHRS PRODUCED	1969	2,613	4,594	8,613	3,325	2,661	1,203	2,976
	1971	2,154	5,168	10,472	2,556	2,334	1,900	3,441
PERCENT CHANGED		-17.57	12.49	21.58	-23.13	-12.29	57.94	15.63
WEIGHTED AVG. CLASS SIZE	1969	27	21	20	22	18	13	26
	1971	21	20	26	16	18	17	27
PERCENT CHANGED		-21.71	-.39	29.45	-25.87	-.96	34.02	3.33
AVG. SALARY/FTE TEACH	1969	3,258	3,057	2,765	2,919	3,130	3,115	3,779
	1971	3,457	3,759	3,473	3,562	3,444	3,443	3,799
PERCENT CHANGED		6.10	22.98	25.61	22.05	10.04	10.53	.53
NO. OF FTE TEACHING FAC.	1969	7.545	14.012	31.479	10.191	8.959	3.953	9.962
	1971	8.976	15.527	27.047	11.476	8.829	7.488	14.271
PERCENT CHANGED		18.97	10.81	-14.08	12.61	-1.45	89.43	43.25

TABLE 26
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS — LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9.41	9.32	10.10	8.95	10.54	10.24	12.65	10.55	17.20	16.10	10.52
14.41	11.30	8.97	16.00	13.03	13.57	15.76	11.37	17.50	7.50	11.94
53.09	21.13	-11.23	78.75	23.63	32.56	24.55	7.76	1.74	-53.41	13.49
14.78	14.90	17.79	17.91	19.63	26.29	18.88	18.41	24.76	39.99	18.32
20.97	16.35	17.26	28.53	18.13	27.26	23.33	15.87	32.49	9.44	19.25
41.80	9.71	-3.00	59.25	-7.63	2.91	23.54	-13.80	31.19	-76.37	4.81
23.09	21.86	18.24	21.75	19.80	20.29	19.92	22.21	11.75	11.65	19.96
16.00	22.19	25.81	14.85	17.62	16.92	16.08	19.44	12.77	27.57	19.49
-30.70	1.52	41.49	-31.73	-10.99	-16.62	-19.28	-12.47	8.69	136.53	-2.35
346.32	327.86	273.61	326.27	297.02	304.33	298.74	333.10	176.23	174.81	299.38
239.47	332.84	387.18	222.73	264.36	253.74	241.12	291.57	191.56	413.58	292.33
-30.71	1.52	41.51	-31.73	-11.00	-16.62	-19.29	-12.47	8.69	136.58	-2.35
2,613	4,594	8,613	3,325	2,661	1,203	2,976	9,589	1,403	279	37,256
2,154	5,168	10,472	2,556	2,334	1,900	3,441	10,183	1,538	603	40,349
-17.57	12.49	21.58	-23.13	-12.29	57.94	15.63	6.19	9.62	116.13	8.30
27	21	20	22	18	13	26	16	22	7	19
21	20	26	16	18	17	27	19	18	29	21
-21.71	-.39	29.45	-25.87	-.96	34.32	3.33	16.31	-19.35	308.99	9.51
3,258	3,057	2,765	2,919	3,130	3,115	3,779	3,515	3,030	2,815	3,150
3,457	3,759	3,473	3,562	3,444	3,443	3,799	3,315	3,351	3,101	3,491
6.10	22.98	25.61	22.05	10.04	10.93	.53	-5.68	10.58	10.18	10.82
7,545	14,012	31,479	10,191	8,959	3,953	9,962	28,787	7,961	1,596	124,445
8,976	15,527	27,047	11,476	8,829	7,488	14,271	34,925	8,029	1,458	138,026
18.97	10.81	-14.08	12.61	-1.45	89.43	43.25	21.32	.85	-8.65	10.91

TABLE 26
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL
DIRECT TEACHING	1969	15.50	9.18		13.44			
	1971	11.53	13.84	13.72	14.59	15.66	9.30	14.5
PERCENT CHANGED		-25.63	50.77		8.53			
TOTAL INSTRUCTIONAL	1969	22.63	12.12		16.22			
	1971	15.91	18.81	16.88	18.06	19.28	15.85	17.3
PERCENT CHANGED		-29.70	55.10		11.32			
FTE STDNT-FACULTY RATIO	1969	10.97	19.69		14.30			
	1971	17.73	14.63	10.05	14.38	12.54	14.26	11.9
PERCENT CHANGED		61.66	-25.70		.55			
STCRHRS / FTE TEACH-FAC	1969	164.52	295.28		214.53			
	1971	266.01	219.40	150.72	215.71	188.03	213.93	179.6
PERCENT CHANGED		61.68	-25.70		.55			
STUDENT CRHRS PRODUCED	1969	728	1,252		617			
	1971	939	941	452	736	528	129	55
PERCENT CHANGED		28.98	-24.84		19.29			
WEIGHTED AVG. CLASS SIZE	1969	13	16		17			
	1971	16	12	10	18	13	14	1
PERCENT CHANGED		19.38	-24.10		4.60			
AVG. SALARY/FTE TEACH	1969	2,550	2,710		2,884			
	1971	3,067	3,036	2,067	3,147	2,945	1,990	2,60
PERCENT CHANGED		20.24	12.04		9.13			
NO. OF FTE TEACHING FAC.	1969	4.425	4.240		2.876			
	1971	3.530	4.289	2.999	3.412	2.808	.603	3.07
PERCENT CHANGED		-20.23	1.16		18.64			

TABLE 26
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS — LEVEL 1 LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
15.50	9.18		13.44					11.96	10.62
11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37	13.64	12.08
-25.63	50.77		8.53					14.02	13.79
22.63	12.12		16.22					16.04	18.17
15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.73	19.08
-29.70	55.10		11.32					10.49	5.00
10.97	19.69		14.30					15.00	19.54
17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96	14.07	18.89
61.66	-25.70		.55					-6.21	-3.30
164.52	295.28		214.53					225.02	293.07
266.01	219.40	150.72	215.71	188.03	213.93	179.60	269.45	211.06	283.40
61.68	-25.70		.55					-6.21	-3.30
728	1,252		617					2,597	39,853
939	941	452	736	528	129	553	755	3,596	43,945
28.98	-24.84		19.29					38.47	10.27
13	16		17					16	19
16	12	10	18	13	14	15	20	14	20
19.38	-24.10		4.60					-10.72	6.73
2,550	2,710		2,884					2,692	3,111
3,067	3,036	2,067	3,147	2,945	1,990	2,608	2,794	2,879	3,424
20.24	12.04		9.13					6.95	10.05
4.425	4.240		2.876					11.541	135.986
3.530	4.289	2.999	3.412	2.808	.603	3.079	2.802	17.038	155.364
-20.23	1.16		18.64					47.63	14.03

TABLE 27
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		FINE AND APPLIED ARTS				LEVEL 2 UPPER LEVEL			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	25.92	20.41	20.99	18.80	11.24	11.44	25.00	2
	1971	24.62	18.97	20.34	14.41	45.10	10.74	22.47	2
PERCENT CHANGED		-5.01	-7.03	-3.11	-23.35	301.22	-6.08	-10.14	2
TOTAL INSTRUCTIONAL	1969	32.40	28.99	30.84	31.87	18.92	27.68	33.75	3
	1971	32.68	25.74	33.01	23.96	54.94	19.20	29.37	3
PERCENT CHANGED		.86	-11.21	7.04	-24.81	190.39	-30.63	-4.50	-
FTE STDNT-FACULTY RATIO	1969	8.37	10.98	11.02	11.58	20.98	17.33	8.61	1
	1971	9.69	13.68	12.43	18.16	5.50	19.44	10.83	
PERCENT CHANGED		15.76	24.62	12.80	56.82	-73.76	6.40	25.76	-2
STCRHRS / FTE TEACH-FAC	1969	125.50	164.68	165.26	173.70	314.76	259.91	129.20	18
	1971	145.27	205.25	186.43	272.45	82.55	276.56	162.51	14
PERCENT CHANGED		15.76	24.63	12.81	56.85	-73.77	6.40	25.78	-2
STUDENT CRHRS PRODUCED	1969	914	1,661	2,604	1,462	740	577	319	2
	1971	980	1,666	3,401	2,388	476	1,070	652	2
PERCENT CHANGED		7.22	.30	30.61	63.34	-35.69	85.44	104.39	-1
WEIGHTED AVG. CLASS SIZE	1969	9	9	11	11	16	12	11	
	1971	13	12	11	18	6	18	13	
PERCENT CHANGED		31.86	27.94	-1.68	59.42	-62.04	45.86	21.62	1
AVG. SALARY/FTE TEACH	1969	3,253	3,360	3,468	3,265	3,537	2,972	3,231	3
	1971	3,577	3,894	3,791	3,925	3,724	2,970	3,651	3
PERCENT CHANGED		9.95	15.87	9.30	20.22	5.27	-.06	13.03	
NO. OF FTE TEACHING FAC.	1969	7.283	10.086	15.757	8.417	2.351	2.220	2.469	15
	1971	6.746	8.117	18.243	8.765	5.766	3.869	4.012	15
PERCENT CHANGED		-7.37	-19.52	15.78	4.13	145.26	74.28	62.49	

TABLE 27
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS — LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.92	20.41	20.99	18.80	11.24	11.44	25.00	21.35	23.82	27.42	20.16
24.62	18.97	20.34	14.41	45.10	10.74	22.47	27.35	17.34	30.29	20.89
-5.01	-7.03	-3.11	-23.35	301.22	-6.08	-10.14	28.14	-28.46	10.47	3.62
32.40	28.99	30.84	31.87	18.92	27.68	33.75	36.77	33.52	72.44	31.61
32.68	25.74	33.01	23.96	54.94	19.20	23.37	34.34	36.16	37.52	30.15
.86	-11.21	7.04	-24.81	190.39	-33.63	-4.50	-6.60	7.87	-48.20	-4.62
8.37	10.98	11.02	11.58	20.98	17.33	8.61	12.35	9.00	6.98	11.52
9.69	13.68	12.43	18.16	5.50	18.44	10.83	9.58	11.82	5.74	11.99
15.76	24.62	12.80	56.82	-73.76	6.40	25.76	-22.45	31.31	-17.72	4.11
125.50	164.68	165.26	173.70	314.76	259.91	129.20	185.30	135.05	104.71	172.75
145.27	205.25	186.43	272.45	82.55	276.56	162.51	143.69	177.36	86.14	179.86
15.76	24.63	12.81	56.85	-73.77	6.40	25.78	-22.46	31.33	-17.73	4.12
914	1,661	2,604	1,462	740	577	319	2,804	126	60	11,267
980	1,666	3,401	2,388	476	1,070	652	2,271	47	69	13,020
7.22	.30	30.61	63.34	-35.68	85.44	104.39	-19.01	-62.70	15.00	15.56
9	9	11	11	16	12	11	7	11	3	9
13	12	11	18	6	18	13	8	9	6	11
31.86	27.94	-1.68	59.42	-62.04	45.86	21.62	16.39	-17.19	86.18	19.61
3,253	3,360	3,468	3,265	3,537	2,972	3,231	3,955	3,217	2,871	3,482
3,577	3,894	3,791	3,925	3,724	2,970	3,651	3,931	3,022	2,609	3,756
9.95	15.87	9.30	20.22	5.27	-.06	13.03	-.63	-6.06	-9.11	7.88
7.283	10.086	15.757	8.417	2.351	2.220	2.469	15.132	.933	.573	65.221
6.746	8.117	18.243	8.765	5.766	3.869	4.012	15.805	.265	.801	72.389
-7.37	-19.52	15.78	4.13	145.26	74.28	62.49	4.45	-71.60	39.79	10.99

TABLE 28
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FIVE AND APPLIED ARTS LEVELS 3 & 5 MASTERS AND PROFESSIONA

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	U KN
DIRECT TEACHING	1969	132.10	57.41	59.95		100.00			49
	1971	99.64	37.32	59.92	35.50	34.41			64
PERCENT CHANGED		-24.58	-34.99	-.05		-65.58			32
TOTAL INSTRUCTIONAL	1969	149.23	70.48	83.80		177.95			77
	1971	168.09	51.62	91.60	43.03	129.07			89
PERCENT CHANGED		12.64	-26.76	9.30		-27.47			1
FTE STDNT-FACULTY RATIO	1969	2.25	5.04	5.14		3.79			
	1971	2.95	9.65	5.65	10.42	12.96			
PERCENT CHANGED		30.96	91.36	10.01		241.89			-1
STCRHRS / FTE TEACH-FAC	1969	27.03	60.48	61.66		45.46			7
	1971	35.42	115.79	67.85	125.00	155.56			6
PERCENT CHANGED		31.04	91.46	10.03		242.19			-1
STUDENT CRHRS PRODUCED	1969	23	84	355		3			
	1971	30	132	451	3	21			
PERCENT CHANGED		30.43	57.14	27.04		600.00			-1
WEIGHTED AVG. CLASS SIZE	1969	2	5	4		1			
	1971	3	7	4	10	7			
PERCENT CHANGED		23.64	36.31	4.82		400.00			-
AVG. SALARY/FTE TEACH	1969	3,570	3,472	3,697		4,545			3
	1971	3,529	4,321	4,066	4,438	5,353			4
PERCENT CHANGED		-1.16	24.47	9.97		17.77			
NO. OF FTE TEACHING FAC.	1969	.851	1.389	5.757		.066			6
	1971	.847	1.140	6.647	.024	.135			6
PERCENT CHANGED		-.47	-17.93	15.46		104.55			

TABLE 28
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
132.10	57.41	59.95		100.00			49.03			55.83
99.64	37.32	59.92	35.50	34.41			64.87			59.64
-24.58	-34.99	-.05		-65.58			32.31			6.82
149.23	70.48	83.80		177.95			77.06			80.95
168.09	51.62	91.60	43.03	129.07			89.02			88.36
12.64	-26.76	9.30		-27.47			15.52			9.15
2.25	5.04	5.14		3.79			6.40			5.53
2.95	9.65	5.65	10.42	12.96			5.16			5.65
30.96	91.36	10.01		241.89			-19.38			2.26
27.03	60.48	61.66		45.46			76.79			66.32
35.42	115.79	67.85	125.00	155.56			61.90			67.82
31.04	91.46	10.03		242.19			-19.39			2.26
23	84	355		3			512			977
30	132	451	3	21			425			1,062
30.43	57.14	27.04		600.00			-16.99			8.70
2	5	4		1			3			4
3	7	4	10	7			3			4
23.64	36.31	4.82		400.00			-2.11			8.53
3,570	3,472	3,697		4,545			3,764			3,703
3,529	4,321	4,066	4,438	5,353			4,015			4,045
-1.16	24.47	9.97		17.77			6.66			9.24
.851	1.389	5.757		.066			6.668			14.731
.847	1.140	6.647	.024	.135			6.866			15.659
-.47	-17.93	15.46		104.55			2.97			6.30

TABLE 29
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FINE AND APPLIED ARTS			TOTAL ALL LEVELS				
		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	KN
DIRECT TEACHING	1969	14.46	12.87	14.08	11.95	10.77	10.63	13.85	14
	1971	18.38	13.62	13.27	15.24	18.58	12.55	16.82	19
PERCENT CHANGED		27.13	5.90	-5.75	27.48	72.51	18.11	21.51	1
TOTAL INSTRUCTIONAL	1969	20.19	19.33	22.75	22.17	19.62	26.74	20.03	2
	1971	25.99	19.27	23.34	26.33	25.15	24.23	24.29	2
PERCENT CHANGED		28.71	-.34	2.57	18.74	28.18	-9.40	21.26	-1
FTE STDNT-FACULTY RATIO	1969	15.12	16.64	14.67	17.15	19.95	19.22	17.67	1
	1971	12.76	18.83	18.53	16.28	12.84	17.43	14.93	1
PERCENT CHANGED		-15.59	13.17	26.31	-5.09	-35.65	-9.31	-15.54	-1
STCPHRS / FTE TEACH-FAC	1969	226.42	248.72	218.37	257.26	299.23	288.35	265.06	25
	1971	190.96	281.07	275.80	244.12	192.19	261.51	223.87	22
PERCENT CHANGED		-15.66	13.01	26.30	-5.11	-35.77	-9.31	-15.54	-1
STUDENT CRHRS PRODUCED	1969	3,550	6,339	11,572	4,787	3,404	1,780	3,295	12
	1971	3,164	6,966	14,324	4,947	2,831	2,970	4,093	12
PERCENT CHANGED		-10.87	9.89	23.78	3.34	-16.83	66.85	24.22	
WEIGHTED AVG. CLASS SIZE	1969	17	15	15	17	17	12	23	
	1971	17	17	18	17	13	17	23	
PERCENT CHANGED		-4.47	12.09	13.07	.41	-23.74	38.00	.83	2
AVG. SALARY/FTE TEACH	1969	3,273	3,200	3,075	3,075	3,222	3,064	3,670	3
	1971	3,510	3,829	3,660	3,720	3,571	3,282	3,766	3
PERCENT CHANGED		7.23	19.68	19.03	20.97	10.82	7.13	2.63	-
NO. OF FTE TEACHING FAC.	1969	15.679	25.487	52.993	18.608	11.376	6.173	12.431	50
	1971	16.569	24.784	51.937	20.265	14.730	11.357	18.283	57
PERCENT CHANGED		5.68	-2.76	-1.99	8.90	29.48	83.98	47.08	1

TABLE 29
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS					TOTAL ALL LEVELS					
PSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
.46	12.87	14.08	11.95	10.77	10.63	13.85	14.42	17.74	18.10	13.61
.38	13.62	13.27	15.24	18.58	12.55	16.82	15.95	17.48	9.84	15.01
.13	5.90	-5.75	27.48	72.51	18.11	21.51	10.61	-1.47	-45.65	10.30
.19	19.33	22.75	22.17	19.62	26.74	20.03	24.73	25.48	45.72	22.58
.99	19.27	23.34	26.33	25.15	24.23	24.29	21.54	32.60	12.32	23.17
.71	-.34	2.57	18.74	28.18	-9.40	21.26	-12.88	27.91	-73.04	2.60
.12	16.64	14.67	17.15	19.95	19.22	17.67	17.18	11.46	10.42	16.23
.76	18.83	18.53	16.28	12.84	17.43	14.93	15.03	12.74	19.83	16.13
.59	13.17	26.31	-5.09	-35.65	-9.31	-15.54	-12.49	11.15	90.28	-.59
.42	248.72	218.37	257.26	299.23	288.35	265.06	255.11	171.91	156.29	242.18
.36	281.07	275.80	244.12	192.19	261.51	223.87	223.61	191.10	297.48	240.77
.66	13.01	26.30	-5.11	-35.77	-9.31	-15.54	-12.35	11.16	90.33	-.58
550	6,339	11,572	4,787	3,404	1,780	3,295	12,905	1,529	339	49,500
164	6,966	14,324	4,947	2,831	2,970	4,093	12,879	1,585	672	54,431
.87	9.89	23.78	3.34	-16.83	66.85	24.22	-.20	3.66	98.23	9.96
17	15	15	17	17	12	23	11	21	5	14
17	17	18	17	13	17	23	14	17	20	16
.47	12.09	13.07	.41	-23.74	38.00	.83	20.05	-15.42	254.77	12.14
273	3,200	3,075	3,075	3,222	3,064	3,670	3,679	3,050	2,829	3,296
510	3,829	3,660	3,720	3,571	3,282	3,766	3,567	3,341	2,927	3,614
7.23	19.68	19.03	20.97	10.82	7.13	2.63	-3.04	9.53	3.44	9.66
.679	25.487	52.993	18.608	11.376	6.173	12.431	50.587	8.894	2.169	204.397
.569	24.784	51.937	20.265	14.730	11.357	18.283	57.596	8.294	2.259	226.374
5.68	-2.76	-1.99	8.90	29.48	83.98	47.08	13.86	-6.75	4.15	10.61

TABLE 29
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		FINE AND APPLIED ARTS CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	15.50	9.18		13.44				
	1971	11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37
PERCENT CHANGED		-25.63	50.77		8.53				
TOTAL INSTRUCTIONAL	1969	22.63	12.12		16.22				
	1971	15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97
PERCENT CHANGED		-29.70	55.10		11.32				
FTE STDNT-FACULTY RATIO	1969	10.97	19.69		14.30				
	1971	17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96
PERCENT CHANGED		61.66	-25.70		.55				
STCPHRS / FTE TEACH-FAC	1969	164.52	295.28		214.53				
	1971	266.01	219.40	150.72	215.71	188.03	213.93	179.60	269.4
PERCENT CHANGED		61.68	-25.70		.55				
STUDENT CRHRS PRODUCED	1969	728	1,252		617				
	1971	939	941	452	736	528	129	553	75
PERCENT CHANGED		28.98	-24.84		19.29				
WEIGHTED AVG. CLASS SIZE	1969	13	16		17				
	1971	16	12	10	18	13	14	15	2
PERCENT CHANGED		19.38	-24.10		4.60				
AVG. SALARY/FTE TEACH	1969	2,550	2,710		2,884				
	1971	3,067	3,036	2,067	3,147	2,945	1,990	2,608	2,79
PERCENT CHANGED		20.24	12.04		9.13				
NO. OF FTE TEACHING FAC.	1969	4.425	4.240		2.876				
	1971	3.530	4.289	2.999	3.412	2.808	.603	3.079	2.80
PERCENT CHANGED		-20.23	1.16		18.64				

TABLE 29
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

FINE AND APPLIED ARTS			TOTAL ALL LEVELS						
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
15.50	9.18		13.44					11.96	13.53
11.53	13.84	13.72	14.59	15.66	9.30	14.52	10.37	13.64	14.93
25.63	50.77		8.53					14.02	10.34
22.63	12.12		16.22					16.04	22.25
15.91	18.81	16.88	18.06	19.28	15.85	17.31	12.97	17.73	22.83
29.70	55.10		11.32					10.49	2.59
10.97	19.69		14.30					15.00	16.16
17.73	14.63	10.05	14.38	12.54	14.26	11.97	17.96	14.07	15.99
61.66	-25.70		.55					-6.21	-1.08
64.52	295.28		214.53					225.02	241.26
66.01	219.40	150.72	215.71	188.03	213.93	179.60	269.45	211.06	238.68
61.68	-25.70		.55					-6.21	-1.07
728	1,252		617					2,597	52,097
939	941	452	736	528	129	553	755	3,596	58,027
28.98	-24.84		19.29					38.47	11.38
13	16		17					16	14
16	12	10	18	13	14	15	20	14	16
19.38	-24.10		4.60					-10.72	10.60
2,550	2,710		2,884					2,692	3,263
3,067	3,036	2,067	3,147	2,945	1,990	2,608	2,794	2,879	3,563
20.24	12.04		9.13					6.95	9.17
4.425	4.240		2.876					11.541	215.938
3.530	4.289	2.999	3.412	2.808	.603	3.079	2.802	17.038	243.112
-20.23	1.16		18.64					47.63	12.58

TABLE 30
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		LETTERS				LEVEL 1 LOWER LEVEL			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	8.15	7.99	8.16	8.41	6.34	6.14	10.12	6.8
	1971	8.99	9.66	9.02	8.74	7.13	7.06	10.47	8.3
PERCENT CHANGED		10.27	20.91	10.52	3.96	12.51	14.97	3.52	21.5
TOTAL INSTRUCTIONAL	1969	9.98	10.30	11.67	10.99	9.69	7.56	11.76	9.7
	1971	11.90	12.22	11.84	13.59	10.47	8.82	12.93	10.5
PERCENT CHANGED		19.26	18.71	1.45	23.71	7.96	16.65	9.94	8.2
FTE STDNT-FACULTY RATIO	1969	23.30	25.31	21.08	23.32	29.53	27.01	21.61	23.4
	1971	24.07	25.18	22.47	23.53	28.68	26.58	22.93	21.6
PERCENT CHANGED		3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.8
STCRHRS / FTE TEACH-FAC	1969	349.48	379.68	316.13	349.74	442.96	405.08	324.11	352.2
	1971	360.98	377.62	337.10	352.95	430.19	398.69	343.98	324.6
PERCENT CHANGED		3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.8
STUDENT CRHRS PRODUCED	1969	5,802	13,944	28,116	12,290	8,446	9,436	6,733	34,13
	1971	6,255	12,057	27,480	13,015	7,465	10,348	8,045	32,97
PERCENT CHANGED		7.81	-13.53	-2.26	5.90	-11.61	10.01	19.49	-3.4
WEIGHTED AVG. CLASS SIZE	1969	27	27	25	25	24	26	27	2
	1971	27	27	27	24	23	26	29	2
PERCENT CHANGED		1.66	-.33	4.78	-2.98	-4.27	-1.32	8.62	-3.7
AVG. SALARY/FTE TEACH	1969	2,849	3,032	2,580	2,940	2,809	2,488	3,279	2,42
	1971	3,245	3,647	3,041	3,085	3,069	2,815	3,603	2,71
PERCENT CHANGED		13.90	20.27	17.86	4.92	9.26	13.17	9.87	12.0
NO. OF FTE TEACHING FAC.	1969	16.602	36.726	88.938	35.140	19.067	23.223	20.774	96.90
	1971	17.328	31.929	81.520	36.875	17.353	25.955	23.388	101.54
PERCENT CHANGED		4.37	-13.06	-8.34	4.94	-8.99	11.78	12.58	4.7

TABLE 30
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS — LEVEL 1 LOWER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
969	8.15	7.99	8.16	8.41	6.34	6.14	10.12	6.88	8.58	10.69	7.72
971	8.99	9.66	9.02	8.74	7.13	7.06	10.47	8.36	9.02	8.45	8.75
	10.27	20.91	10.52	3.96	12.51	14.97	3.52	21.50	15.67	-20.96	13.36
969	9.98	10.30	11.67	10.99	9.69	7.56	11.76	9.70	9.81	24.14	10.47
971	11.90	12.22	11.84	13.59	10.47	8.82	12.93	10.50	12.12	10.51	11.45
	19.26	18.71	1.45	23.71	7.96	16.65	9.94	8.26	23.52	-56.43	9.40
969	23.30	25.31	21.08	23.32	29.53	27.01	21.61	23.48	22.36	14.53	23.23
971	24.07	25.18	22.47	23.53	28.68	26.58	22.93	21.65	21.99	22.21	23.23
	3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.81	-1.65	52.82	-.01
969	349.48	379.68	316.13	349.74	442.96	405.08	324.11	352.20	335.36	217.92	348.48
971	360.98	377.62	337.10	352.95	430.19	398.69	343.98	324.68	329.84	333.07	348.45
	3.29	-.54	6.63	.92	-2.88	-1.58	6.13	-7.81	-1.65	52.84	-.01
969	5,802	13,944	28,116	12,290	8,446	9,406	6,733	34,130	8,601	1,605	129,.73
971	6,255	12,057	27,480	13,015	7,465	10,348	8,045	32,971	8,466	2,526	128,628
	7.81	-13.53	-2.26	5.90	-11.61	10.01	19.49	-3.40	-1.57	57.38	-.34
969	27	27	25	25	24	26	27	27	28	20	26
971	27	27	27	24	23	26	29	26	26	26	26
	1.66	-.33	4.78	-2.98	-4.27	-1.32	8.62	-3.78	-7.14	31.99	-.22
969	2,849	3,032	2,580	2,940	2,809	2,488	3,279	2,423	2,877	2,329	2,691
971	3,245	3,647	3,041	3,085	3,069	2,815	3,603	2,714	3,273	2,814	3,.50
	13.90	20.27	17.86	4.92	9.26	13.17	9.87	12.01	13.77	20.80	13.35
969	16.602	36.726	88.938	35.140	19.067	23.220	20.774	96.905	25.647	7.365	370.384
971	17.328	31.929	81.520	36.875	17.353	25.955	23.388	101.549	25.667	7.584	369.148
	4.37	-13.06	-8.34	4.94	-8.99	11.78	12.58	4.79	.08	2.97	-.33

TABLE 30
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		LETTERS CLEV.	COL.	DYERS.	JACK.	LEVEL 1 MOTLOW	LOWER LEVEL ROANE	VOL.	WAL
DIRECT TEACHING	1969	7.85	6.34		9.37				
	1971	9.01	7.34	10.59	8.23	9.20	8.32	9.39	
PERCENT CHANGED		14.76	15.86		-12.09				
TOTAL INSTRUCTIONAL	1969	9.20	7.57		10.22				
	1971	11.62	9.99	10.76	10.68	10.21	13.30	9.89	
PERCENT CHANGED		26.39	31.89		4.53				
FTE STDNT-FACULTY RATIO	1969	21.37	26.44		19.06				
	1971	21.81	24.21	17.70	24.63	21.27	20.65	19.87	22
PERCENT CHANGED		2.02	-8.46		29.18				
STCRHRS / FTE TEACH-FAC	1969	320.60	396.63		285.93				
	1971	327.08	363.08	265.50	369.39	319.10	309.70	298.03	339
PERCENT CHANGED		2.02	-8.46		29.19				
STUDENT CRHRS PRODUCED	1969	3,231	2,469		2,280				
	1971	4,059	3,198	1,542	2,756	2,242	747	1,317	2,
PERCENT CHANGED		25.63	29.53		20.88				
WEIGHTED AVG. CLASS SIZE	1969	25	24		20				
	1971	23	25	21	25	22	21	21	
PERCENT CHANGED		-6.48	4.76		23.56				
AVG. SALARY/FTE TEAC	1969	2,516	2,514		2,678				
	1971	2,946	2,666	2,810	3,041	2,934	2,577	2,799	2,
PERCENT CHANGED		17.07	6.06		13.56				
NO. OF FTE TEACHING FAC.	1969	10.078	6.225		7.974				
	1971	12.410	8.808	5.808	7.461	7.026	2.412	4.419	7.
PERCENT CHANGED		23.14	41.49		-6.43				

TABLE 30
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS — LEVEL 1 LOWER LEVEL

EV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
85	6.34		9.37					7.82	7.73
01	7.34	10.59	8.23	9.20	8.32	9.39	8.10	8.67	8.75
76	15.86		-12.09					10.98	13.17
20	7.57		10.22					8.99	10.38
62	9.99	10.76	10.68	10.21	13.30	9.89	9.21	10.73	11.38
39	31.89		4.53					19.39	9.63
37	26.44		19.06					21.91	23.15
81	24.21	17.70	24.63	21.27	20.65	19.87	22.66	22.16	23.12
02	-8.46		29.18					1.11	-.13
60	396.63		285.93					328.71	347.27
08	363.08	265.50	369.39	319.10	309.70	298.03	339.93	332.35	346.82
02	-8.46		29.19					1.11	-.13
31	2,469		2,280					7,980	137,353
59	3,198	1,542	2,756	2,242	747	1,317	2,527	13,797	142,425
63	29.53		20.88					72.89	3.92
25	24		20					23	26
23	25	21	25	22	21	21	23	24	26
48	4.76		23.56					2.03	-.46
16	2,514		2,678					2,569	2,683
46	2,666	2,810	3,041	2,934	2,577	2,799	2,752	2,883	3,033
07	6.06		13.56					12.22	13.03
78	6.225		7.974					24.277	394.661
10	8.808	5.808	7.461	7.026	2.412	4.419	7.434	41.513	410.661
14	41.49		-6.43					71.00	4.05

TABLE 31
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		LETTERS				LEVEL 2 UPPER LEVEL			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KN
DIRECT TEACHING	1969	14.20	12.98	14.42	12.45	8.27	13.76	22.42	11.
	1971	16.13	18.34	18.58	11.83	11.35	16.22	22.16	12.
PERCENT CHANGED		13.61	41.29	28.84	-4.97	37.21	17.90	-1.16	
TOTAL INSTRUCTIONAL	1969	16.00	15.61	18.35	15.64	11.96	15.63	24.42	15.
	1971	19.23	21.72	22.19	16.59	15.83	18.97	26.38	15.
PERCENT CHANGED		20.14	39.11	20.91	6.10	32.28	21.37	8.02	-1
FTE STDNT-FACULTY RATIO	1969	18.99	18.35	18.00	19.22	29.11	17.36	11.73	21.
	1971	17.87	15.80	15.84	23.63	22.46	14.61	11.78	23.
PERCENT CHANGED		-5.90	-13.89	-11.99	22.92	-22.86	-15.85	.41	10
STCRHRS / FTE TEACH-FAC	1969	284.84	275.21	269.98	288.29	436.71	260.36	175.97	318
	1971	268.02	236.95	237.61	354.40	336.86	219.08	176.69	351
PERCENT CHANGED		-5.90	-13.90	-11.99	22.93	-22.86	-15.85	.41	10
STUDENT CRHRS PRODUCED	1969	1,157	2,088	2,719	2,419	1,656	660	883	4,
	1971	1,227	1,884	2,838	3,096	1,530	744	1,416	6,
PERCENT CHANGED		6.05	-9.77	4.38	27.99	-7.61	12.73	60.36	25
WEIGHTED AVG. CLASS SIZE	1969	21	20	19	21	23	20	16	
	1971	19	16	20	24	19	15	13	
PERCENT CHANGED		-9.54	-16.45	4.05	17.94	-17.49	-21.22	-15.55	2
AVG. SALARY/FTE TEACH	1969	4,044	3,571	3,894	3,588	3,611	3,582	3,946	3,
	1971	4,323	4,345	4,416	4,191	3,823	3,554	3,916	4,
PERCENT CHANGED		6.91	21.66	13.40	16.81	5.86	-.78	-.75	11
NO. OF FTE TEACHING FAC.	1969	4.062	7.587	10.071	8.391	3.792	2.535	5.018	15.
	1971	4.578	7.951	11.944	8.736	4.542	3.396	8.014	17.
PERCENT CHANGED		12.70	4.80	18.60	4.11	19.78	33.96	59.71	13

TABLE 31
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
14.20	12.98	14.42	12.45	8.27	13.76	22.42	11.95	12.45	23.03	13.08
16.13	18.34	18.58	11.83	11.35	16.22	22.16	12.06	14.80	22.07	14.83
13.61	41.29	28.84	-4.97	37.21	17.90	-1.16	.95	18.88	-4.16	13.39
16.00	15.61	18.35	15.64	11.96	15.63	24.42	15.71	13.70	41.31	16.40
19.23	21.72	22.19	16.59	15.83	18.97	26.38	15.55	17.60	25.86	18.57
20.14	39.11	20.91	6.10	32.28	21.37	8.02	-1.02	28.48	-37.40	13.23
18.99	18.35	18.00	19.22	29.11	17.36	11.73	21.22	21.78	9.40	19.19
17.87	15.80	15.84	23.63	22.46	14.61	11.78	23.45	17.75	10.53	18.71
-5.90	-13.89	-11.99	22.92	-22.86	-15.85	.41	10.49	-18.49	12.00	-2.48
284.84	275.21	269.98	288.29	436.71	260.36	175.97	318.28	326.64	140.97	287.80
268.02	236.95	237.61	354.40	336.86	219.08	176.69	351.68	266.22	157.90	280.66
-5.90	-13.90	-11.99	22.93	-22.86	-15.85	.41	10.49	-18.50	12.01	-2.48
1,157	2,088	2,719	2,419	1,656	660	883	4,821	732	192	17,327
1,227	1,884	2,838	3,096	1,530	744	1,416	6,039	825	144	19,743
6.05	-9.77	4.38	27.99	-7.61	12.73	60.36	25.26	12.70	-25.00	13.94
21	20	19	21	23	20	16	23	27	11	21
19	16	20	24	19	15	13	24	20	12	20
-9.54	-16.45	4.05	17.94	-17.49	-21.22	-15.55	2.06	-27.05	11.94	-4.18
4,044	3,571	3,894	3,588	3,611	3,582	3,946	3,802	4,067	3,246	3,763
4,323	4,345	4,416	4,191	3,823	3,554	3,916	4,241	3,941	3,485	4,161
6.91	21.66	13.40	16.81	5.86	-.78	-.75	11.55	-3.10	7.35	10.59
4.062	7.587	10.071	8.391	3.792	2.535	5.018	15.147	2.241	1.362	60.206
4.578	7.951	11.944	8.736	4.542	3.396	8.014	17.172	3.399	.912	70.344
12.73	4.80	18.60	4.11	19.78	33.96	59.71	13.37	38.29	-33.04	16.84

TABLE 32
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		LETTERS			LEVELS 3 & 5 MASTERS AND PROFESSIONAL				
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	34.25	28.27	44.07	45.64	54.22	28.59	32.49	25.
	1971	62.26	40.98	38.80	25.72	48.51	35.39		30.
PERCENT CHANGED		81.77	44.95	-11.95	-43.65	-10.53	23.81	-100.00	19.
TOTAL INSTRUCTIONAL	1969	36.40	31.89	56.43	51.21	64.35	30.74	34.82	32.
	1971	84.02	48.97	55.84	30.51	75.85	76.73		57.
PERCENT CHANGED		130.80	53.56	-1.05	-40.43	17.87	149.15	-100.00	77.
FTE STDNT-FACULTY RATIO	1969	10.54	12.60	7.96	8.10	7.00	12.09	9.49	14.
	1971	6.01	9.85	10.72	15.74	8.19	11.26		12.
PERCENT CHANGED		-42.95	-21.78	34.58	94.38	16.89	-6.87	-100.00	-12.
STCRHRS / FTE TEACH-FAC	1969	126.53	151.14	95.55	97.16	84.03	145.10	113.92	178.
	1971	72.16	118.21	128.60	188.90	98.25	135.14		155.
PERCENT CHANGED		-42.97	-21.78	34.59	94.43	16.91	-6.87	-100.00	-12.
STUDENT CRHRS PRODUCED	1969	93	219	483	123	60	111	27	9
	1971	92	270	603	337	84	105		9
PERCENT CHANGED		-1.08	23.29	24.84	173.98	40.00	-5.41	-100.00	-2.
WEIGHTED AVG. CLASS SIZE	1969	10	11	6	7	5	14	12	
	1971	5	8	8	11	5	8		
PERCENT CHANGED		-41.92	-25.66	34.60	58.00	-6.05	-46.37	-100.00	-10.
AVG. SALARY/FTE TEACH	1969	4,333	4,272	4,211	4,434	4,556	4,148	3,702	4,6
	1971	4,492	4,844	4,990	4,858	4,766	4,783		4,8
PERCENT CHANGED		3.66	13.38	18.50	9.55	4.60	15.31	-100.00	4.
NO. OF FTE TEACHING FAC.	1969	.735	1.449	5.055	1.266	.714	.765	.237	5.56
	1971	1.275	2.284	4.689	1.784	.855	.777		6.19
PERCENT CHANGED		73.47	57.63	-7.24	40.92	19.75	1.57	-100.00	11.

TABLE 32
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS . LEVELS 3 & 5 MASTERS AND PROFESSIONAL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9	34.25	28.27	44.07	45.64	54.22	28.59	32.49	25.89			32.85
1	62.26	40.98	38.80	25.72	48.51	35.39		30.93			35.22
	81.77	44.95	-11.95	-43.65	-10.53	23.81	-100.00	19.46			7.19
9	36.40	31.89	56.43	51.21	64.35	30.79	34.82	32.51			40.03
1	84.02	48.97	55.84	30.51	75.85	76.73		57.58			54.03
	130.80	53.56	-1.05	-40.43	17.87	149.15	-100.00	77.12			37.20
9	10.54	12.60	7.96	8.10	7.00	12.09	9.49	14.87			11.13
	6.01	9.85	10.72	15.74	8.19	11.26		12.98			11.46
	-42.95	-21.78	34.58	94.38	16.89	-6.87	-100.00	-12.69			2.94
	126.53	151.14	95.55	97.16	84.03	145.10	113.92	178.41			133.59
	72.16	118.21	128.60	188.90	98.25	135.14		155.75			137.51
	-42.97	-21.78	34.59	94.43	16.91	-6.87	-100.00	-12.70			2.94
	93	219	483	123	60	111	27	993			2,109
	92	270	603	337	84	105		965			2,456
	-1.08	23.29	24.84	173.98	40.00	-5.41	-100.00	-2.82			16.45
	10	11	6	7	5	14	12	11			9
	5	8	8	11	5	8		10			9
	-41.92	-25.66	34.60	58.00	-6.05	-46.37	-100.00	-10.02			-1.30
	4,333	4,272	4,211	4,434	4,556	4,148	3,702	4,619			4,389
	4,492	4,844	4,990	4,858	4,766	4,783		4,817			4,843
	3.66	13.38	18.50	9.55	4.60	15.31	-100.00	4.29			10.34
	.735	1.449	5.055	1.266	.714	.765	.237	5.566			15.787
	1.275	2.284	4.689	1.784	.855	.777		6.196			17.860
	73.47	57.63	-7.24	40.92	19.75	1.57	-100.00	11.32			13.13

TABLE 33
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		LETTERS				LEVEL 4 DOCTORAL			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	K
DIRECT TEACHING	1969								4
	1971				95.87				5
PERCENT CHANGED									1
TOTAL INSTRUCTIONAL	1969								5
	1971				108.54				7
PERCENT CHANGED									
FTE STDNT-FACULTY RATIO	1969								1
	1971				3.72				
PERCENT CHANGED									
STCRHRS / FTE TEACH-FAC	1969								12
	1971				44.66				11
PERCENT CHANGED									
STUDENT CRHRS PRODUCED	1969								
	1971				23				
PERCENT CHANGED									
WEIGHTED AVG. CLASS SIZE	1969								
	1971				3				
PERCENT CHANGED									
AVG. SALARY/FTE TEACH	1969								9
	1971				4,281				6
PERCENT CHANGED									
NO. OF FTE TEACHING FAC.	1969								3
	1971				.515				4
PERCENT CHANGED									1
					63				

TABLE 33
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS LEVEL 4 DOCTORAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							47.48			47.48
			95.87				55.16			56.94
							16.17			19.91
							54.54			54.54
			108.54				73.69			75.21
							35.11			37.90
							10.15			10.15
			3.72				9.29			8.72
							-8.50			-14.10
							121.84			121.84
			44.66				111.48			104.65
							-8.50			-14.11
							477			477
			23				504			527
							5.66			10.48
							6			6
			3				6			6
							-4.87			-8.59
							5,785			5,785
			4,281				6,149			5,958
							6.29			2.99
							3.915			3.915
			.515				4.521			5.036
							15.48			28.63
			63							

TABLE 34
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		LETTERS APSU	ETSU	MSU	MTSU	TOTAL ALL LEVELS TSU	TTU	UT CHATT.	KN
DIRECT TEACHING	1969	9.49	8.90	9.26	9.38	6.94	6.88	11.62	
	1971	10.79	11.40	10.48	9.79	8.23	7.94	12.22	1
PERCENT CHANGED		13.76	28.11	13.18	4.42	18.58	15.34	5.21	1
TOTAL INSTRUCTIONAL	1969	11.32	11.27	12.94	12.08	10.39	8.34	13.31	1
	1971	13.97	14.18	13.64	14.64	11.97	10.14	14.95	1
PERCENT CHANGED		23.41	25.80	5.46	21.15	15.28	21.51	12.31	14
FTE STDNT-FACULTY RATIO	1969	22.04	23.75	20.14	22.12	28.78	25.65	19.59	22
	1971	21.85	22.58	21.10	23.05	26.67	24.84	20.09	21
PERCENT CHANGED		-.88	-4.96	4.78	4.19	-7.35	-3.19	2.52	-5
STCRHRS / FTE TEACH-FAC	1969	329.55	355.12	300.95	331.09	431.09	383.75	293.63	332
	1971	326.73	337.04	315.03	343.79	399.08	371.65	301.29	312
PERCENT CHANGED		-.85	-5.09	4.68	3.83	-7.43	-3.15	2.61	-5
STUDENT CRHRS PRODUCED	1969	7,052	16,251	31,318	14,832	10,162	10,177	7,643	40,
	1971	7,574	14,211	30,921	16,471	9,079	11,197	9,461	40,
PERCENT CHANGED		7.40	-12.55	-1.27	11.05	-10.66	10.02	23.79	
WEIGHTED AVG. CLASS SIZE	1969	25	25	24	23	23	26	25	
	1971	24	24	25	23	21	24	25	
PERCENT CHANGED		-2.88	-5.72	5.14	-.80	-7.98	-4.77	.24	-3
AVG. SALARY/FTE TEACH	1969	3,126	3,161	2,786	3,104	2,991	2,640	3,412	2,
	1971	3,526	3,843	3,301	3,366	3,283	2,949	3,683	3,
PERCENT CHANGED		12.79	21.59	18.47	8.43	9.78	11.71	7.95	11
NO. OF FTE TEACHING FAC.	1969	21.399	45.762	104.064	44.797	23.573	26.520	26.029	121.
	1971	23.181	42.164	98.153	47.910	22.750	30.128	31.402	129.
PERCENT CHANGED		8.33	-7.86	-5.68	6.95	-3.49	13.60	20.64	6

TABLE 34
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS — TOTAL ALL LEVELS

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9.49	8.90	9.26	9.38	6.94	6.88	11.62	8.43	8.88	12.01	8.83
10.79	11.40	10.48	9.79	8.23	7.94	12.22	10.03	10.36	9.18	10.14
13.76	28.11	13.18	4.42	18.58	15.34	5.21	18.99	16.59	-23.51	14.89
11.32	11.27	12.94	12.08	10.39	8.34	13.31	11.51	10.12	25.97	11.72
13.97	14.18	13.64	14.64	11.97	10.14	14.95	13.16	12.61	11.34	13.31
23.41	25.80	5.46	21.15	15.28	21.51	12.31	14.40	24.60	-56.33	13.57
22.04	23.75	20.14	22.12	28.78	25.65	19.59	22.37	22.31	13.73	22.15
21.85	22.58	21.10	23.05	26.67	24.84	20.09	21.04	21.53	20.95	21.93
-.88	-4.96	4.78	4.19	-7.35	-3.19	2.52	-5.97	-3.49	52.60	-1.01
329.55	355.12	300.95	331.09	431.09	383.75	293.63	332.59	334.66	205.91	330.87
326.73	337.04	315.03	343.79	399.08	371.65	301.29	312.73	322.99	314.27	327.33
-.85	-5.09	4.68	3.83	-7.43	-3.15	2.61	-5.97	-3.49	52.62	-1.07
7,052	16,251	31,318	14,832	10,162	10,177	7,643	40,421	9,333	1,797	148,986
7,574	14,211	30,921	16,471	9,079	11,197	9,461	40,479	9,291	2,670	151,354
7.40	-12.55	-1.27	11.05	-10.66	10.02	23.79	.14	-.45	48.58	1.59
25	25	24	23	23	26	25	25	28	18	24
24	24	25	23	21	24	25	24	25	25	24
-2.88	-5.72	5.14	-.80	-7.98	-4.77	.24	-3.87	-9.43	35.22	-1.80
3,126	3,161	2,786	3,104	2,991	2,640	3,412	2,804	2,972	2,472	2,921
3,526	3,843	3,301	3,366	3,283	2,949	3,683	3,137	3,345	2,886	3,320
12.79	21.59	18.47	8.43	9.78	11.71	7.95	11.90	12.53	16.72	13.67
21.399	45.762	104.064	44.797	23.573	26.520	26.029	121.533	27.888	8.727	450.292
23.181	42.164	98.153	47.910	22.750	30.128	31.402	129.438	28.766	8.496	462.388
8.33	-7.86	-5.68	6.95	-3.49	13.60	20.64	6.50	3.15	-2.65	2.69

TABLE 34
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		LETTERS CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WAL
DIRECT TEACHING	1969	7.85	6.34		9.37				
	1971	9.01	7.34	10.59	8.23	9.20	8.32	9.39	
PERCENT CHANGED		14.76	15.86		-12.09				
TOTAL INSTRUCTIONAL	1969	9.20	7.57		10.22				
	1971	11.62	9.99	10.76	10.68	10.21	13.30	9.89	
PERCENT CHANGED		26.39	31.89		4.53				
FTE STDNT-FACULTY RATIO	1969	21.37	26.44		19.06				
	1971	21.81	24.21	17.70	24.63	21.27	20.65	19.87	23
PERCENT CHANGED		2.02	-8.46		29.18				
STCRHRS / FTE TEACH-FAC	1969	320.60	396.63		285.93				
	1971	327.08	363.08	265.50	369.39	319.10	309.70	298.03	339
PERCENT CHANGED		2.02	-8.46		29.19				
STUDENT CRHRS PRODUCED	1969	3,231	2,469		2,280				
	1971	4,059	3,198	1,542	2,756	2,242	747	1,317	2,
PERCENT CHANGED		25.63	29.53		20.88				
WEIGHTED AVG. CLASS SIZE	1969	25	24		20				
	1971	23	25	21	25	22	21	21	
PERCENT CHANGED		-6.48	4.76		23.56				
AVG. SALARY/FTE TEACH	1969	2,516	2,514		2,678				
	1971	2,946	2,666	2,910	3,041	2,934	2,577	2,799	2,
PERCENT CHANGED		17.07	6.06		13.56				
NO. OF FTE TEACHING FAC.	1969	10.078	6.225		7.974				
	1971	12.410	8.808	5.808	7.461	7.026	2.412	4.419	7.
PERCENT CHANGED		23.14	41.49		-6.43				

TABLE 34
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

LETTERS			TOTAL ALL LEVELS						
CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
7.85	6.34		9.37					7.82	8.78
9.01	7.34	10.59	8.23	9.20	8.32	9.39	8.10	8.67	10.02
14.76	15.86		-12.09					10.98	14.18
9.20	7.57		10.22					8.99	11.58
11.62	9.99	10.76	10.68	10.21	13.30	9.89	9.21	10.73	13.09
26.39	31.89		4.53					19.39	13.07
21.37	26.44		19.06					21.41	22.14
21.81	24.21	17.70	24.63	21.27	20.65	19.87	22.66	22.16	21.95
2.02	-8.46		29.18					1.11	-.87
320.60	396.63		285.93					328.71	330.76
327.08	363.08	265.50	369.39	319.10	303.70	298.03	339.93	332.35	327.75
2.02	-8.46		29.19					1.11	-.91
3,231	2,469		2,280					7,980	156,966
4,059	3,198	1,542	2,756	2,242	747	1,317	2,527	13,797	165,151
25.63	29.53		20.88					72.89	5.21
25	24		20					23	24
23	25	21	25	22	21	21	23	24	24
-6.48	4.76		23.56					2.03	-1.66
2,516	2,514		2,678					2,569	2,903
2,946	2,666	2,910	3,041	2,934	2,577	2,799	2,752	2,883	3,284
17.07	6.06		13.56					12.22	13.14
10.078	6.225		7.974					24.277	474.369
12.410	8.808	5.808	7.461	7.026	2.412	4.419	7.434	41.513	503.501
23.14	41.49		-6.43					71.00	6.18

TABLE 35
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	
DIRECT TEACHING	1969	9.93	8.81	7.37	8.77	6.11	8.90	12.21	
	1971	9.04	10.82	8.53	9.42	6.80	9.16	11.20	
PERCENT CHANGED		-8.98	22.83	15.72	7.38	11.37	2.89	-8.26	4
TOTAL INSTRUCTIONAL	1969	12.00	10.62	10.44	14.62	8.46	11.52	13.33	
	1971	11.68	15.92	14.26	17.01	8.74	11.23	13.08	
PERCENT CHANGED		-2.70	49.92	36.57	16.32	3.29	-2.55	-1.90	-
FTE STDNT-FACULTY RATIO	1969	23.02	23.85	26.36	23.11	36.12	24.88	18.40	3
	1971	25.80	24.49	28.33	23.95	37.58	28.32	21.08	2
PERCENT CHANGED		12.07	2.67	7.50	3.64	4.05	13.81	14.58	-1
STCRHRS / FTE TEACH-FAC	1969	345.28	357.80	395.34	346.59	541.80	373.19	275.99	52
	1971	386.96	367.35	424.99	359.22	563.76	424.74	316.23	44
PERCENT CHANGED		12.07	2.67	7.50	3.64	4.05	13.81	14.58	-1
STUDENT CRHRS PRODUCED	1969	1,985	6,099	12,321	4,949	5,068	6,851	3,082	21
	1971	2,357	6,156	12,525	4,621	4,739	6,549	4,444	19
PERCENT CHANGED		18.74	.93	1.66	-6.63	-6.49	-4.41	44.19	-1
WEIGHTED AVG. CLASS SIZE	1969	23	25	29	24	31	27	24	
	1971	28	27	24	26	28	30	25	
PERCENT CHANGED		19.71	8.73	-18.51	8.24	-12.28	11.39	7.77	-3
AVG. SALARY/FTE TEACH	1969	3,430	3,152	2,912	3,041	3,309	3,322	3,369	2
	1971	3,499	3,975	3,624	3,384	3,835	3,889	3,541	2
PERCENT CHANGED		2.01	26.11	24.42	11.29	15.89	17.09	5.10	
NO. OF FTE TEACHING FAC.	1969	5.749	17.046	31.166	14.279	9.354	18.358	11.167	41
	1971	6.091	16.758	29.471	12.864	8.406	15.419	14.053	43
PERCENT CHANGED		5.95	-1.69	-5.44	-9.91	-10.13	-16.01	25.84	

TABLE 35
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9.93	8.81	7.37	8.77	6.11	8.90	12.21	5.37	8.38	11.59	7.44
9.04	10.82	8.53	9.42	6.80	9.16	11.20	6.67	10.40	9.13	8.56
-8.98	22.83	15.72	7.38	11.37	2.89	-8.26	24.12	30.14	-21.24	15.09
12.30	10.62	10.44	14.62	8.46	11.52	13.33	9.31	9.07	25.80	10.66
11.68	15.92	14.26	17.01	8.74	11.23	13.08	9.02	12.28	13.89	12.08
-2.70	49.92	36.57	16.32	3.29	-2.55	-1.90	-3.14	35.30	-46.15	13.35
23.02	23.85	26.36	23.11	36.12	24.88	18.40	35.11	24.45	14.29	27.29
25.80	24.49	28.33	23.95	37.58	28.32	21.08	29.80	22.00	19.07	26.95
12.07	2.67	7.50	3.64	4.05	13.81	14.58	-15.12	-10.02	33.41	-1.26
45.28	357.80	395.34	346.59	541.80	373.19	275.99	526.66	366.81	214.37	409.41
46.96	367.35	424.99	359.22	563.76	424.74	316.23	447.00	330.06	286.01	404.26
2.07	2.67	7.50	3.64	4.05	13.81	14.58	-15.13	-10.02	33.42	-1.26
1,985	6,099	12,321	4,949	5,068	6,851	3,082	21,971	4,588	943	67,857
2,357	6,156	12,525	4,621	4,739	6,549	4,444	19,451	4,231	1,539	66,612
18.74	.93	1.66	-6.63	-6.49	-4.41	44.19	-11.47	-7.78	63.20	-1.83
23	25	29	24	31	27	24	36	29	17	29
28	27	24	26	28	30	25	23	26	24	25
19.71	8.73	-18.51	8.24	-12.28	11.39	7.77	-36.40	-12.07	39.44	-14.15
3,430	3,152	2,912	3,041	3,309	3,322	3,369	2,830	3,073	2,484	3,044
3,499	3,975	3,624	3,384	3,835	3,889	3,541	2,982	3,598	2,610	3,460
2.01	26.11	24.42	11.29	15.89	17.09	5.10	5.37	17.11	5.08	13.65
5.749	17.046	31.166	14.279	9.354	18.358	11.167	41.718	12.508	4.399	165.744
6.091	16.758	29.471	12.864	8.406	15.419	14.053	43.515	12.819	5.381	164.777
5.95	-1.69	-5.44	-9.91	-10.13	-16.01	25.84	4.31	2.49	22.32	-.58

TABLE 35
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS				LEVEL 1 LOWER LEVEL		
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.
DIRECT TEACHING	1969	7.67	5.40		11.34			
	1971	10.58	9.81	10.60	10.09	8.26	11.23	13.63
PERCENT CHANGED		37.92	81.59		-10.95			
TOTAL INSTRUCTIONAL	1969	10.78	6.60		12.44			
	1971	12.38	14.46	11.72	12.00	9.91	16.64	14.51
PERCENT CHANGED		14.82	119.02		-3.53			
FTE STDNT-FACULTY RATIO	1969	22.42	29.50		15.29			
	1971	19.34	22.26	18.25	19.33	22.11	16.33	15.28
PERCENT CHANGED		-13.73	-24.55		26.45			
STCRHRS / FTE TEACH-FAC	1969	336.29	442.55		229.30			
	1971	290.10	333.88	273.67	289.97	331.60	244.88	229.14
PERCENT CHANGED		-13.73	-24.55		26.46			
STUDENT CRHRS PRODUCED	1969	1,519	1,248		1,210			
	1971	1,485	1,013	763	1,509	1,147	454	530
PERCENT CHANGED		-2.24	-18.83		24.71			
WEIGHTED AVG. CLASS SIZE	1969	28	24		20			
	1971	22	22	19	20	22	16	14
PERCENT CHANGED		-21.68	-6.34		1.69			
AVG. SALARY/FTE TEACH	1969	2,578	2,390		2,599			
	1971	3,068	3,275	2,901	2,927	2,738	2,749	3,124
PERCENT CHANGED		18.99	37.04		12.61			
NO. OF FTE TEACHING FAC.	1969	4.517	2.820		5.277			
	1971	5.119	3.034	2.788	5.204	3.459	1.854	2.313
PERCENT CHANGED		13.33	7.59		-1.39			

TABLE 35
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS — LEVEL 1 LOWER LEVEL

V.	COL.	DYERS.	JACK.	MOTLOW	POANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
67	5.40		11.34					8.07	7.47
58	9.81	10.60	10.09	8.26	11.23	13.63	9.48	9.88	8.67
92	81.59		-10.95					22.34	15.98
78	6.60		12.44					9.97	10.62
38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	12.06
82	119.02		-3.53					19.11	13.60
42	29.50		15.29					21.32	26.85
34	22.26	18.25	19.33	22.11	16.33	15.28	19.29	20.12	26.22
73	-24.55		26.45					-4.27	-2.33
29	442.55		229.30					315.29	402.75
10	333.88	273.67	289.97	331.60	244.88	229.14	289.38	301.83	393.37
73	-24.55		26.46					-4.27	-2.33
19	1,248		1,210					3,977	71,834
85	1,013	763	1,509	1,147	454	530	1,218	5,917	72,529
24	-18.83		24.71					48.78	.97
28	24		20					23	29
22	22	19	20	22	16	14	19	21	25
68	-6.34		1.69					-10.40	-14.32
78	2,390		2,599					2,545	3,009
68	3,275	2,901	2,927	2,738	2,749	3,124	2,743	2,980	3,409
99	37.04		12.61					17.12	13.29
17	2,820		5,277					12,614	178,358
19	3,034	2,788	5,204	3,459	1,854	2,313	4,209	19,604	184,381
33	7.59		-1.38					55.41	3.38

TABLE 36
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	21.52	15.50	14.90	11.86	20.17	11.67	26.03	11.
	1971	20.59	28.70	17.20	12.32	15.90	17.92	33.11	14.
PERCENT CHANGED		-4.32	85.11	15.42	3.83	-21.19	53.53	27.18	34.
TOTAL INSTRUCTIONAL	1969	23.98	22.35	18.47	21.83	24.48	14.38	27.68	15.
	1971	23.57	35.75	23.20	19.97	18.53	20.54	36.45	18.
PERCENT CHANGED		-1.71	59.92	25.57	-8.53	-24.31	42.78	31.69	22.
FTE STDNT-FACULTY RATIO	1969	13.13	14.96	18.65	20.23	13.06	20.38	10.30	21.
	1971	15.14	11.16	17.72	22.02	18.16	15.33	8.84	18.
PERCENT CHANGED		15.31	-25.38	-5.03	8.81	39.10	-24.77	-14.18	-13.
STCRHRS / FTE TEACH-FAC	1969	196.91	224.41	279.81	303.50	195.83	305.63	154.54	320.
	1971	227.09	167.45	265.73	330.24	272.45	229.90	132.61	276.
PERCENT CHANGED		15.33	-25.38	-5.03	8.81	39.12	-24.78	-14.19	-13.
STUDENT CRHRS PRODUCED	1969	319	513	873	1,597	282	1,004	240	2,3
	1971	342	537	735	1,710	355	669	331	2,1
PERCENT CHANGED		7.21	4.68	-15.81	7.75	25.89	-33.37	37.92	-7.
WEIGHTED AVG. CLASS SIZE	1969	12	15	21	21	12	25	13	
	1971	16	15	16	23	16	17	10	
PERCENT CHANGED		25.93	.66	-21.07	9.43	35.80	-32.55	-20.48	-23.
AVG. SALARY/FTE TEACH	1969	4,238	3,479	4,168	3,600	3,950	3,567	4,022	3,5
	1971	4,676	4,805	4,569	4,067	4,330	4,120	4,390	4,0
PERCENT CHANGED		10.34	38.14	9.61	12.99	9.63	15.50	9.14	15.
NO. OF FTE TEACHING FAC.	1969	1.620	2.286	3.120	5.229	1.440	3.285	1.553	7.2
	1971	1.506	3.207	2.766	5.178	1.303	2.910	2.496	7.7
PERCENT CHANGED		-7.04	40.29	-11.35	-.98	-9.51	-11.42	60.72	7.

TABLE 36
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
21.52	15.50	14.90	11.86	20.17	11.67	26.03	11.03	15.79	23.56	13.57
20.59	28.70	17.20	12.32	15.90	17.92	33.11	14.80	18.85	29.25	17.28
-4.32	85.11	15.42	3.83	-21.19	53.53	27.18	34.18	19.36	24.19	27.27
23.98	22.35	18.47	21.83	24.48	14.38	27.68	15.13	16.70	45.93	18.83
23.57	35.75	23.20	19.97	18.53	20.54	36.45	18.56	20.74	42.77	22.29
-1.71	59.92	25.57	-8.53	-24.31	42.78	31.69	22.65	24.18	-6.87	18.35
13.13	14.96	18.65	20.23	13.06	20.38	10.30	21.38	14.54	6.58	18.07
15.14	11.16	17.72	22.02	18.16	15.33	8.84	18.43	13.37	8.97	16.46
15.31	-25.38	-5.03	8.81	39.10	-24.77	-14.18	-13.81	-8.05	36.34	-8.91
196.91	224.41	279.81	303.50	195.83	305.63	154.54	320.71	218.11	98.66	271.05
227.09	167.45	265.73	330.24	272.45	229.90	132.61	276.42	200.53	134.53	246.88
15.33	-25.38	-5.03	8.81	39.12	-24.78	-14.19	-13.81	-8.06	36.36	-8.91
319	513	873	1,597	282	1,004	240	2,320	159	66	7,363
342	537	735	1,710	355	669	331	2,153	228	90	7,150
7.21	4.68	-15.81	7.75	25.89	-33.37	37.92	-7.20	43.40	36.36	-2.89
12	15	21	21	12	25	13	30	18	7	21
16	15	16	23	16	17	10	23	15	8	18
25.93	.66	-21.07	9.43	35.80	-32.55	-20.48	-23.87	-13.58	9.89	-11.59
4,239	3,479	4,168	3,600	3,950	3,567	4,022	3,536	3,443	2,324	3,679
4,676	4,805	4,569	4,067	4,330	4,120	4,390	4,090	3,779	3,935	4,265
10.34	38.14	9.61	12.99	9.63	15.50	9.14	15.66	9.75	69.34	15.93
1.620	2.286	3.120	5.229	1.440	3.285	1.553	7.234	.729	.669	27.165
1.506	3.207	2.766	5.178	1.303	2.910	2.496	7.789	1.137	.669	28.961
-7.04	40.29	-11.35	-.98	-9.51	-11.42	60.72	7.67	55.97		6.61

TABLE 37
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS LEVELS 3 & 5 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNI
DIRECT TEACHING	1969	24.86	59.23	35.10	52.82		44.86	86.43	26.
	1971	114.37	21.98	43.30	36.41		38.16	56.51	32.
PERCENT CHANGED		359.91	-62.89	23.34	-31.06		-14.94	-34.62	23.
TOTAL INSTRUCTIONAL	1969	27.95	86.53	40.93	60.92		50.75	90.32	38.
	1971	167.84	25.46	70.74	46.64		66.37	62.65	55.
PERCENT CHANGED		500.34	-70.57	72.81	-23.44		30.79	-32.85	44.
FTE STDNT-FACULTY RATIO	1969	11.32	5.13	10.13	7.87		7.35	4.63	13.
	1971	3.72	18.29	8.48	11.10		9.87	7.63	12.
PERCENT CHANGED		-67.16	256.13	-16.31	41.04		34.22	64.70	-9.
STCRHRS / FTE TEACH-FAC	1969	135.87	61.60	121.55	94.42		88.24	55.56	160.
	1971	44.59	219.51	101.71	133.18		118.46	91.55	145.
PERCENT CHANGED		-67.18	256.32	-16.32	41.05		34.25	64.78	-9.
STUDENT CRHRS PRODUCED	1969	75	180	264	66		171	18	1,4
	1971	21	270	303	177		129	39	1,1
PERCENT CHANGED		-72.00	50.00	14.77	168.18		-24.56	116.67	-20.
WEIGHTED AVG. CLASS SIZE	1969	6	4	9	7		7	5	
	1971	3	16	6	10		8	8	
PERCENT CHANGED		-49.77	243.80	-34.94	27.87		8.82	56.40	-20.
AVG. SALARY/FTE TEACH	1969	3,378	3,649	4,267	4,987		3,958	4,802	4,2
	1971	5,099	4,824	4,404	4,850		4,520	5,173	4,7
PERCENT CHANGED		50.94	32.21	3.22	-2.76		14.20	7.73	11.
NO. OF FTE TEACHING FAC.	1969	.552	2.922	2.172	.699		1.938	.324	9.2
	1971	.471	1.230	2.979	1.329		1.089	.426	8.7
PERCENT CHANGED		-14.67	-57.91	37.15	90.13		-43.81	31.48	-11.

TABLE 37
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS LEVELS 3 & 5 MASTERS AND PROFESSIONAL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	24.86	59.23	35.10	52.82		44.86	86.43	26.40			32.61
	114.37	21.98	43.30	36.41		38.16	56.51	32.51		34.86	34.62
	359.91	-62.89	23.34	-31.06		-14.94	-34.62	23.15			6.18
	27.95	86.53	40.93	60.92		50.75	90.32	38.43			44.20
	167.84	25.46	70.74	46.64		66.37	60.65	55.59		45.06	54.88
	500.34	-70.57	72.81	-23.44		30.79	-32.85	44.65			24.18
	11.32	5.13	10.13	7.87		7.35	4.63	13.36			10.54
	3.72	18.29	8.48	11.10		9.87	7.63	12.08		9.17	11.24
	-67.16	256.13	-16.31	41.04		34.22	64.70	-9.57			6.62
	135.87	61.60	121.55	94.42		88.24	55.56	160.34			126.49
	44.59	219.51	101.71	133.18		118.46	91.55	145.00		110.00	134.87
	-67.18	256.32	-16.32	41.05		34.25	64.78	-9.57			6.62
	75	180	264	66		171	18	1,491			2,265
	21	270	303	177		129	39	1,191		33	2,163
	-72.00	50.00	14.77	168.18		-24.56	116.67	-20.12			-4.50
	6	4	9	7		7	5	13			10
	3	16	6	10		8	8	10		9	9
	-49.77	243.80	-34.94	27.87		8.82	56.40	-20.72			-5.51
	3,378	3,649	4,267	4,987		3,958	4,802	4,232			4,125
	5,099	4,824	4,404	4,850		4,520	5,173	4,714		3,835	4,670
	50.94	32.21	3.22	-2.76		14.20	7.73	11.37			13.20
	.552	2.922	2.172	.699		1.938	.324	9.299			17.906
	.471	1.230	2.979	1.329		1.089	.426	8.214		.300	16.038
	-14.67	-57.91	37.15	90.13		-43.81	31.48	-11.67			-10.43

TABLE 38
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969								116.
	1971								138.
PERCENT CHANGED									18.
TOTAL INSTRUCTIONAL	1969								161.
	1971								170.
PERCENT CHANGED									5.
FTE STDNT-FACULTY RATIO	1969								3.
	1971								3.
PERCENT CHANGED									-3.
STCRHRS / FTE TEACH-FAC	1969								40.
	1971								39.
PERCENT CHANGED									-3.
STUDENT CRHRS PRODUCED	1969								1
	1971								1
PERCENT CHANGED									-21.
WEIGHTED AVG. CLASS SIZE	1969								
	1971								
PERCENT CHANGED									.
AVG. SALARY/FTE TEACH	1969								4,7
	1971								5,4
PERCENT CHANGED									14.
NO. OF FTE TEACHING FAC.	1969								4.6
	1971								3.8
PERCENT CHANGED									-18.

TABLE 38
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS LEVEL 4 DOCTORAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
							116.56			116.56
							138.32			138.32
							18.67			18.67
							161.98			161.98
							170.36			170.36
							5.18			5.18
							3.40			3.40
							3.29			3.29
							-3.23			-3.23
							40.79			40.79
							39.46			39.46
							-3.24			-3.24
							191			191
							150			150
							-21.47			-21.47
							2			2
							2			2
							.27			.27
							4,754			4,754
							5,459			5,459
							14.82			14.82
							4.683			4.683
							3.801			3.801
							-18.83			-18.83

TABLE 39
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS				TOTAL - ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KN
DIRECT TEACHING	1969	11.96	10.65	6.40	9.96	6.85	10.01	13.60	7.
	1971	11.31	12.63	9.77	10.92	7.44	10.46	13.07	9.
PERCENT CHANGED		-5.44	18.59	16.35	9.64	8.58	4.50	-3.89	21.
TOTAL INSTRUCTIONAL	1969	14.11	13.52	11.56	16.82	9.31	12.71	14.78	12.
	1971	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.
PERCENT CHANGED		1.90	31.83	38.44	10.55	1.26	2.58	1.98	6.
FTE STDNT-FACULTY RATIO	1969	20.18	20.48	24.73	21.84	33.04	22.81	17.09	27.
	1971	22.52	22.11	25.82	22.55	34.98	25.34	18.35	24.
PERCENT CHANGED		11.58	7.97	4.40	3.27	5.86	11.06	10.83	-12.
STCHRS / FTE TEACH-FAC	1969	300.34	305.20	369.14	326.72	495.65	340.36	256.06	412.
	1971	337.13	328.52	385.14	335.97	524.67	378.35	283.59	362.
PERCENT CHANGED		12.25	7.64	4.33	2.83	5.86	11.16	10.75	-12.
STUDENT CRHRS PRODUCED	1969	2,379	6,792	13,458	6,602	5,350	8,026	3,340	25,
	1971	2,720	6,963	13,563	6,508	5,094	7,347	4,814	22,
PERCENT CHANGED		14.33	2.52	.78	-1.42	-4.79	-8.46	44.13	-11.
WEIGHTED AVG. CLASS SIZE	1969	19	21	27	23	29	25	22	
	1971	24	25	22	24	26	27	23	
PERCENT CHANGED		23.46	17.32	-20.31	5.94	-9.05	6.07	3.98	-30.
AVG. SALARY/FTE TEACH	1969	3,591	3,250	3,100	3,253	3,394	3,408	3,483	3,
	1971	3,812	4,150	3,764	3,667	3,901	3,959	3,707	3,
PERCENT CHANGED		6.14	27.66	21.40	12.74	14.93	16.17	6.44	7.
NO. OF FTE TEACHING FAC.	1969	7.921	22.254	36.458	20.207	10.794	23.581	13.044	62.
	1971	8.068	21.195	35.216	19.371	9.709	19.418	16.975	63.
PERCENT CHANGED		1.86	-4.76	-3.41	-4.14	-10.05	-17.65	30.14	

TABLE 39
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

MATHEMATICS — TOTAL ALL LEVELS

HOUR	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
1969	11.96	10.65	8.40	9.96	6.85	10.01	13.60	7.90	9.63	12.37	9.02
1971	11.31	12.63	9.77	10.92	7.44	10.46	13.07	9.64	11.31	10.73	10.38
	-5.44	18.59	16.35	9.64	8.58	4.50	-3.89	21.92	31.10	-13.28	15.01
1969	14.11	13.52	11.56	16.82	9.31	12.71	14.78	12.63	9.33	27.12	12.78
1971	14.38	17.82	16.01	18.59	9.42	13.04	15.07	13.39	12.71	16.08	14.57
	1.90	31.83	38.44	10.55	1.26	2.58	1.98	6.02	36.23	-40.72	13.97
1969	20.18	20.48	24.73	21.84	33.04	22.81	17.09	27.96	23.91	13.27	24.22
1971	22.52	22.11	25.82	22.55	34.98	25.34	18.95	24.51	21.30	17.54	23.93
	11.58	7.97	4.40	3.27	5.86	11.06	10.83	-12.33	-10.91	32.10	-1.21
1969	300.34	305.20	369.14	326.72	495.65	340.36	256.06	412.70	358.62	199.09	360.45
1971	337.13	328.52	385.14	335.97	524.67	378.36	283.59	362.37	319.50	261.73	356.20
	12.25	7.64	4.33	2.83	5.86	11.16	10.75	-12.20	-10.91	31.46	-1.18
1969	2,379	6,792	13,458	6,602	5,350	8,026	3,340	25,973	4,747	1,309	77,676
1971	2,720	6,963	13,563	6,508	5,094	7,347	4,814	22,945	4,459	1,662	76,375
	14.33	2.52	.78	-1.42	-4.79	-8.46	44.13	-11.66	-6.07	64.72	-2.06
1969	19	21	27	23	29	26	22	29	29	16	26
1971	24	25	22	24	26	27	23	20	25	21	23
	23.46	17.32	-20.31	5.94	-9.05	6.07	3.98	-30.23	-13.18	33.10	-12.32
1969	3,591	3,250	3,100	3,253	3,394	3,408	3,483	3,261	3,093	2,463	3,251
1971	3,812	4,150	3,764	3,667	3,901	3,959	3,707	3,491	3,613	2,808	3,696
	6.14	27.66	21.40	12.74	14.93	16.17	6.44	7.05	16.81	14.00	13.66
1969	7.921	22.254	36.458	20.207	10.794	23.581	13.044	62.934	13.237	5.068	215.498
1971	8.068	21.195	35.216	19.371	9.709	19.418	16.975	63.319	13.956	6.350	213.577
	1.86	-4.76	-3.41	-4.14	-10.05	-17.65	30.14	.61	5.43	25.30	-.89

TABLE 39
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		MATHEMATICS				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALT
DIRECT TEACHING	1969	7.67	5.40		11.34				
	1971	10.58	9.81	10.60	10.09	8.26	11.23	13.63	9.
PERCENT CHANGED		37.92	81.59		-10.95				
TOTAL INSTRUCTIONAL	1969	10.78	6.60		12.44				
	1971	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11
PERCENT CHANGED		14.82	119.02		-3.53				
FTE STDNT-FACULTY RATIO	1969	22.42	29.50		15.29				
	1971	19.34	22.26	19.25	19.33	22.11	16.33	15.28	19.
PERCENT CHANGED		-13.73	-24.55		26.45				
STCRHRS / FTE TEACH-FAC	1969	336.29	442.55		229.30				
	1971	290.10	333.88	273.67	289.97	331.60	244.88	229.14	289.
PERCENT CHANGED		-13.73	-24.55		26.46				
STUDENT CRHRS PRODUCED	1969	1,519	1,248		1,210				
	1971	1,485	1,013	763	1,509	1,147	454	530	1,
PERCENT CHANGED		-2.24	-18.83		24.71				
WEIGHTED AVG. CLASS SIZE	1969	28	24		20				
	1971	22	22	19	20	22	16	14	
PERCENT CHANGED		-21.68	-6.34		1.69				
AVG. SALARY/FTE TEACH	1969	2,578	2,390		2,599				
	1971	3,068	3,275	2,901	2,927	2,738	2,749	3,124	2,
PERCENT CHANGED		18.99	37.04		12.61				
NO. OF FTE TEACHING FAC.	1969	4.517	2.820		5.277				
	1971	5.119	3.034	2.788	5.204	3.459	1.854	2.313	4.
PERCENT CHANGED		13.33	7.59		-1.38				

TABLE 39
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	MATHEMATICS				TOTAL ALL LEVELS					
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
9	7.67	5.40		11.34					8.07	8.97
1	10.58	9.81	10.60	10.09	8.26	11.23	13.63	9.48	9.88	10.34
	37.92	81.59		-10.95					22.34	15.20
9	10.78	6.60		12.44					9.97	12.64
1	12.38	14.46	11.72	12.00	8.91	16.64	14.51	11.15	11.88	14.37
	14.82	119.02		-3.53					19.11	13.68
9	22.42	29.50		15.29					21.02	24.04
1	19.34	22.26	18.25	19.33	22.11	16.33	15.28	19.29	20.12	23.61
	-13.73	-24.55		26.45					-4.27	-1.81
9	336.29	442.55		229.30					315.29	357.95
1	290.10	333.88	273.67	289.97	331.60	244.88	229.14	289.38	301.83	351.62
	-13.73	-24.55		26.46					-4.27	-1.77
9	1,519	1,248		1,210					3,977	81,653
1	1,485	1,013	763	1,509	1,147	454	530	1,218	5,917	81,992
	-2.24	-18.83		24.71					48.78	.42
9	28	24		20					23	26
1	22	22	19	20	22	16	14	19	21	22
	-21.68	-6.34		1.69					-10.40	-12.38
9	2,578	2,390		2,599					2,545	3,212
1	3,068	3,275	2,901	2,927	2,738	2,749	3,124	2,743	2,980	3,636
	18.99	37.04		12.61					17.12	13.17
9	4.517	2.820		5.277					12.614	228.112
1	5.119	3.034	2.788	5.204	3.459	1.854	2.313	4.209	19.604	233.181
	13.33	7.59		-1.38					55.41	2.22

TABLE 40
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE — LEVEL 1 LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	8.83	10.03	8.64	9.32	7.22	6.75	10.60	6.
	1971	11.42	13.80	8.97	6.30	11.41	7.35	11.76	6.
PERCENT CHANGED		29.29	37.66	3.90	-32.35	58.14	9.00	10.97	10.
TOTAL INSTRUCTIONAL	1969	13.53	21.56	22.16	19.49	14.77	10.84	13.79	13.
	1971	16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.
PERCENT CHANGED		20.64	7.69	-10.33	-25.05	28.88	3.09	31.25	13.
FTE STDNT-FACULTY RATIO	1969	28.75	21.06	28.15	24.14	30.17	32.51	22.40	29.
	1971	18.54	20.85	24.99	43.67	21.30	33.98	23.59	26.
PERCENT CHANGED		-35.49	-1.01	-11.21	80.91	-29.40	4.51	5.31	-8.
STCRHRS / FTE TEACH-FAC	1969	431.18	315.89	422.22	362.07	452.53	487.69	336.06	444.
	1971	278.14	312.71	374.87	655.08	319.48	509.71	353.91	404.
PERCENT CHANGED		-35.49	-1.01	-11.21	80.93	-29.40	4.52	5.31	-8.
STUDENT CRHRS PRODUCED	1969	1,607	3,755	8,180	6,359	1,997	5,645	3,451	27,0
	1971	1,940	4,644	10,533	7,276	1,414	6,298	4,093	24,8
PERCENT CHANGED		20.72	23.68	28.77	14.42	-29.19	11.57	18.60	-8.
WEIGHTED AVG. CLASS SIZE	1969	24	33	31	26	32	39	29	
	1971	23	30	31	58	23	41	31	
PERCENT CHANGED		-7.20	-9.69	-.18	118.81	-27.61	7.07	6.63	-31.
AVG. SALARY/FTE TEACH	1969	3,807	3,168	3,646	3,374	3,265	3,291	3,561	2,7
	1971	3,176	4,315	3,364	4,129	3,646	3,746	4,162	2,7
PERCENT CHANGED		-16.59	36.19	-7.74	22.37	11.67	13.81	16.87	.
NO. OF FTE TEACHING FAC.	1969	3.727	11.887	19.374	17.563	4.413	11.575	10.269	60.8
	1971	6.975	14.851	28.098	11.107	4.426	12.356	11.565	61.4
PERCENT CHANGED		87.15	24.93	45.03	-36.76	.29	6.75	12.62	1.

TABLE 40
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE LEVEL 1 LOWER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
1969	8.83	10.03	8.64	9.32	7.22	6.75	10.60	6.11	8.75	7.13	7.62
1971	11.42	13.80	8.97	6.30	11.41	7.35	11.76	6.75	8.27	10.00	8.29
	29.29	37.56	3.90	-32.35	58.14	9.00	10.97	10.55	-5.50	40.29	8.78
1969	13.53	21.56	22.16	19.49	14.77	10.84	13.79	13.65	10.90	18.31	15.35
1971	16.32	23.21	19.87	14.61	19.04	11.17	18.10	15.46	12.28	14.47	16.17
	20.64	7.69	-10.33	-25.05	28.88	3.09	31.25	13.19	12.61	-21.00	5.38
1969	28.75	21.06	28.15	24.14	30.17	32.51	22.40	29.61	23.93	23.29	27.27
1971	18.54	20.85	24.99	43.67	21.30	33.98	23.59	26.95	28.80	23.89	27.08
	-35.49	-1.01	-11.21	80.91	-29.40	4.51	5.31	-8.97	20.35	2.58	-.70
1969	431.18	315.89	422.22	362.07	452.53	487.69	336.06	444.10	358.90	349.34	409.04
1971	278.14	312.71	374.87	655.08	319.48	509.71	353.91	404.25	431.94	358.35	406.16
	-35.49	-1.01	-11.21	80.93	-29.40	4.52	5.31	-8.97	20.35	2.58	-.70
1969	1,607	3,755	8,180	6,359	1,997	5,645	3,451	27,037	5,868	422	64,321
1971	1,940	4,644	10,533	7,276	1,414	6,298	4,093	24,858	5,617	850	67,523
	20.72	23.68	28.77	14.42	-29.19	11.57	18.60	-8.06	-4.28	101.42	4.98
1969	24	33	31	26	32	39	29	49	38	32	37
1971	23	30	31	58	23	41	31	33	36	27	34
	-7.20	-9.69	-.18	118.81	-27.61	7.07	6.63	-31.47	-4.83	-15.30	-8.25
1969	3,807	3,168	3,646	3,374	3,265	3,291	3,561	2,712	3,141	2,489	3,118
1971	3,176	4,315	3,364	4,129	3,646	3,746	4,162	2,729	3,572	3,583	3,368
	-16.59	36.19	-7.74	22.37	11.67	13.81	16.87	.64	13.71	43.93	8.02
1969	3.727	11.887	19.374	17.563	4.413	11.575	10.269	60.881	16.350	1.208	157.247
1971	6.975	14.851	28.098	11.107	4.426	12.356	11.565	61.492	13.004	2.372	166.246
	87.15	24.93	45.03	-36.76	.29	6.75	12.62	1.00	-20.46	96.36	5.72

TABLE 40
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PHYSICAL SCIENCE				LEVEL 1 LOWER LEVEL			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	9.60	8.84		15.84				
	1971	10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.70
PERCENT CHANGED		6.23	31.94		-28.20				
TOTAL INSTRUCTIONAL	1969	21.61	17.56		26.10				
	1971	13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PERCENT CHANGED		-39.77	23.38		-25.54				
FTE STDNT-FACULTY RATIO	1969	20.25	20.76		11.85				
	1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54
PERCENT CHANGED		5.99	-1.52		49.42				
STCRHRS / FTE TEACH-FAC	1969	303.80	311.43		177.68				
	1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13
PERCENT CHANGED		5.99	-1.52		49.43				
STUDENT CRHRS PRODUCED	1969	912	635		484				
	1971	1,088	775	412	599	414	119	144	449
PERCENT CHANGED		19.30	22.05		23.76				
WEIGHTED AVG. CLASS SIZE	1969	25	22		17				
	1971	25	28	14	23	24	20	11	15
PERCENT CHANGED		-2.35	25.82		32.34				
AVG. SALARY/FTE TEACH	1969	2,917	2,754		2,814				
	1971	3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427
PERCENT CHANGED		12.58	29.94		7.29				
NO. OF FTE TEACHING FAC.	1969	3.002	2.039		2.724				
	1971	3.379	2.527	2.138	2.256	1.273	.666	1.001	1.926
PERCENT CHANGED		12.56	23.93		-17.18				

TABLE 40
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE — LEVEL 1 LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
9.60	8.84		15.84					10.85	7.72
10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.70	11.51	8.44
6.23	31.94		-28.20					6.02	9.33
21.61	17.56		26.10					21.41	15.53
13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	16.25
-39.77	23.38		-25.54					-17.05	4.60
20.25	20.76		11.85					17.44	26.81
21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54	18.99	26.55
5.99	-1.52		49.42					8.90	-.95
303.80	311.43		177.68					261.56	402.10
321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13	284.85	398.29
5.99	-1.52		49.43					8.90	-.95
912	635		484					2,031	66,352
1,088	775	412	599	414	119	144	449	3,288	70,811
19.30	22.05		23.76					61.89	6.72
25	22		17					22	36
25	28	14	23	24	20	11	15	23	33
-2.35	25.82		32.34					4.45	-8.37
2,917	2,754		2,814					2,838	3,105
3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427	3,277	3,362
12.58	29.94		7.29					15.46	8.29
3.032	2.039		2.724					7.765	165.312
3.379	2.527	2.138	2.256	1.273	.666	1.001	1.926	11.543	177.789
12.56	23.93		-17.18					48.65	7.74

TABLE 41

TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	26.61	34.46	17.76	20.35	20.61	10.55	32.95	11.
	1971	25.92	34.79	19.42	24.80	28.78	15.96	47.91	18.
PERCENT CHANGED		-2.60	1.13	9.33	21.85	39.65	51.30	45.37	56.
TOTAL INSTRUCTIONAL	1969	32.18	49.13	34.92	31.64	34.55	16.65	39.38	25.
	1971	32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.
PERCENT CHANGED		-.16	-.32	1.29	20.62	23.42	28.46	52.97	22.
FTE STDNT-FACULTY RATIO	1969	9.54	7.80	15.97	11.89	11.78	23.59	7.91	28.
	1971	10.29	8.77	13.70	12.00	9.51	16.93	6.29	14.
PERCENT CHANGED		7.89	12.46	-14.24	.91	-19.28	-28.22	-20.47	-50.
STCPHRS / FTE TEACH-FAC	1969	143.06	116.94	239.57	178.41	176.67	353.90	118.71	426.
	1971	154.34	131.52	205.44	180.03	142.60	254.00	94.39	210.
PERCENT CHANGED		7.89	12.47	-14.25	.91	-19.29	-28.23	-20.49	-50.
STUDENT CRHRS PRODUCED	1969	615	881	1,516	618	362	1,411	460	3,4
	1971	501	792	1,413	786	314	1,191	313	3,3
PERCENT CHANGED		-18.54	-10.10	-6.79	27.18	-13.26	-15.59	-31.96	-4.
WEIGHTED AVG. CLASS SIZE	1969	11	12	18	15	12	26	8	
	1971	11	13	19	14	14	21	7	
PERCENT CHANGED		.51	11.22	3.56	-7.93	21.32	-19.90	-6.45	-7.
AVG. SALARY/FTE TEACH	1969	3,807	4,023	4,254	3,630	3,641	3,733	3,912	4,9
	1971	4,001	4,576	3,989	4,464	4,104	4,054	4,522	3,8
PERCENT CHANGED		5.09	13.74	-6.24	22.95	12.73	8.61	15.59	-22.
NO. OF FTE TEACHING FAC.	1969	4.299	7.534	6.328	3.464	2.049	3.987	3.875	8.2
	1971	3.246	6.022	6.878	4.366	2.202	4.689	3.316	15.9
PERCENT CHANGED		-24.49	-20.07	8.69	26.04	7.47	17.61	-14.43	94.

TABLE 41

TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE LEVEL 2 UPPER LEVEL

OUR	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
1969	26.61	34.40	17.76	20.35	20.61	10.55	32.95	11.63	21.04	15.68	17.74
1971	25.92	34.79	19.42	24.80	28.78	15.96	47.91	18.25	25.32	15.34	22.26
	-2.60	1.13	9.33	21.85	39.65	51.30	45.37	56.98	20.31	-2.18	25.50
1969	32.18	49.13	34.92	31.64	34.55	16.65	39.38	25.07	23.95	36.07	29.36
1971	32.13	48.97	35.37	38.17	42.65	21.39	60.24	30.66	33.12	21.60	33.88
	-.16	-.32	1.29	20.62	23.42	28.46	52.97	22.30	38.28	-40.11	15.40
1969	9.54	7.80	15.97	11.89	11.78	23.59	7.91	28.43	11.50	6.83	15.30
1971	10.29	8.77	13.70	12.00	9.51	16.93	6.29	14.02	10.73	15.23	12.28
	7.89	12.46	-14.24	.91	-19.28	-28.22	-20.47	-50.67	-6.68	123.90	-19.74
1969	143.06	116.94	239.57	178.41	176.67	353.90	118.71	426.46	172.48	102.41	229.48
1971	154.34	131.52	205.44	180.03	142.60	254.00	94.39	210.35	160.96	229.38	184.17
	7.89	12.47	-14.25	.91	-19.29	-28.23	-20.49	-50.68	-6.68	123.97	-19.74
1969	615	881	1,516	618	362	1,411	460	3,497	539	51	9,950
1971	501	792	1,413	786	314	1,191	313	3,354	639	114	9,417
	-18.54	-10.10	-6.79	27.18	-13.26	-15.59	-31.96	-4.09	18.55	123.53	-5.36
1969	11	12	18	15	12	26	8	20	19	9	16
1971	11	13	19	14	14	21	7	18	15	16	16
	.51	11.22	3.56	-7.93	21.32	-19.90	-6.45	-7.70	-18.59	86.51	-2.47
1969	3,807	4,023	4,254	3,630	3,641	3,733	3,912	4,960	3,630	1,606	4,070
1971	4,001	4,576	3,989	4,464	4,104	4,354	4,522	3,839	4,075	3,519	4,100
	5.09	13.74	-6.24	22.95	12.73	8.61	15.59	-22.60	12.27	119.06	.73
1969	4.299	7.534	6.328	3.464	2.049	3.987	3.875	8.200	3.125	.498	43.359
1971	3.246	6.022	6.878	4.366	2.202	4.689	3.316	15.945	3.970	.497	51.131
	-24.49	-20.07	8.69	26.04	7.47	17.61	-14.43	94.45	27.04	-.20	17.92

TABLE 42
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE LEVELS 3 & 5 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969		78.98	51.33	88.72	48.48	56.16	108.94	32.4
	1971		180.70	31.16	84.47	171.88	33.44		48.4
PERCENT CHANGED			128.80	-39.28	-4.79	254.53	-40.46	-100.00	49.1
TOTAL INSTRUCTIONAL	1969		104.56	97.79	114.03	91.48	71.50	127.77	59.6
	1971		337.50	75.85	115.61	498.68	87.77		106.0
PERCENT CHANGED			222.76	-22.43	1.39	445.11	22.76	-100.00	77.8
FTE STDNT-FACULTY RATIO	1969		4.38	7.00	3.84	5.95	5.76	3.01	12.6
	1971		2.24	12.50	4.45	2.12	11.06		7.6
PERCENT CHANGED			-48.87	78.58	15.88	-64.35	91.98	-100.00	-39.5
STCRHRS / FTE TEACH-FAC	1969		52.53	83.99	46.04	71.43	69.10	36.08	151.7
	1971		26.83	150.04	53.35	25.44	132.71		91.7
PERCENT CHANGED			-48.92	78.63	15.88	-64.39	92.06	-100.00	-39.5
STUDENT CRHRS PRODUCED	1969		107	393	43	23	182	21	1,86
	1971		51	639	86	19	170		1,23
PERCENT CHANGED			-52.34	62.60	100.00	-17.39	-6.59	-100.00	-33.7
WEIGHTED AVG. CLASS SIZE	1969		5	5	3	3	5	2	
	1971		2	9	4	2	9		
PERCENT CHANGED			-46.36	91.92	37.20	-36.61	68.34	-100.00	-21.6
AVG. SALARY/FTE TEACH	1969		4,148	4,311	4,085	3,463	3,880	3,931	4,93
	1971		4,848	4,676	4,506	4,372	4,437		4,44
PERCENT CHANGED			16.86	8.45	10.32	26.25	14.35	-100.00	-9.8
NO. OF FTE TEACHING FAC.	1969		2.037	4.679	.934	.322	2.634	.582	12.30
	1971		1.901	4.259	1.612	.747	1.281		13.49
PERCENT CHANGED			-6.68	-8.98	72.59	131.99	-51.37	-100.00	9.64

TABLE 42
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
	78.98	51.33	88.72	48.48	56.16	108.94	32.49			40.48
	180.70	31.16	84.47	171.88	33.44		48.46			47.82
	128.80	-39.28	-4.79	254.53	-40.46	-100.00	49.16			18.12
	104.56	97.79	114.03	91.48	71.50	127.77	59.61			69.65
	337.50	75.85	115.61	498.68	87.77		106.01			104.98
	222.76	-22.43	1.39	445.11	22.76	-100.00	77.85			50.72
	4.38	7.00	3.84	5.95	5.76	3.01	12.65			9.35
	2.24	12.50	4.45	2.12	11.06		7.65			7.88
	-48.87	78.58	15.88	-64.35	91.98	-100.00	-39.54			-15.72
	52.53	83.99	46.04	71.43	69.10	36.08	151.78			112.24
	26.83	150.04	53.35	25.44	132.71		91.75			94.58
	-48.92	78.63	15.88	-64.39	92.06	-100.00	-39.55			-15.73
	107	393	43	23	182	21	1,868			2,637
	51	639	86	19	170		1,238			2,203
	-52.34	62.60	100.00	-17.39	-6.59	-100.00	-33.73			-16.46
	5	5	3	3	5	2	7			6
	2	9	4	2	9		6			6
	-46.36	91.92	37.20	-36.61	68.34	-100.00	-21.67			-.21
	4,148	4,311	4,085	3,463	3,880	3,931	4,931			4,543
	4,848	4,676	4,506	4,372	4,437		4,446			4,522
	16.86	8.45	10.32	26.25	14.35	-100.00	-9.83			-.46
	2.037	4.679	.934	.322	2.634	.582	12.307			23.495
	1.901	4.259	1.612	.747	1.281		13.493			23.293
	-6.68	-8.98	72.59	131.99	-51.37	-100.00	9.64			-.86

TABLE 43
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969			89.46					89.
	1971			66.74					116.
PERCENT CHANGED				-25.39					29.
TOTAL INSTRUCTIONAL	1969			171.74					152.
	1971			141.93					203.
PERCENT CHANGED				-17.36					33.
FTE STDNT-FACULTY RATIO	1969			4.07					4.
	1971			6.09					3.
PERCENT CHANGED				49.51					-21.
STCRHRS / FTE TEACH-FAC	1969			48.86					55.
	1971			73.07					44.
PERCENT CHANGED				49.55					-21.
STUDENT CRHRS PRODUCED	1969			64					8
	1971			169					7
PERCENT CHANGED				164.06					-13.
WEIGHTED AVG. CLASS SIZE	1969			3					
	1971			3					
PERCENT CHANGED				-3.53					-9.
AVG. SALARY/FTE TEACH	1969			4,370					5,03
	1971			4,877					5,11
PERCENT CHANGED				11.58					2.
NO. OF FTE TEACHING FAC.	1969			1.310					14.84
	1971			2.313					16.33
PERCENT CHANGED				76.56					10.

TABLE 43
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE LEVEL 4 DOCTORAL

YR	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
969			89.46					89.39			89.39
971			66.74					116.03			106.66
			-25.39					29.80			19.32
969			171.74					152.73			154.09
971			141.93					203.42			191.73
			-17.36					33.18			24.42
969			4.07					4.67			4.62
971			6.09					3.67			3.97
			49.51					-21.22			-13.93
969			48.86					55.98			55.40
971			73.07					44.09			47.68
			49.55					-21.25			-13.94
969			64					831			895
971			169					720			889
			164.06					-13.36			-.67
969			3					3			3
971			3					2			2
			-3.53					-9.82			-8.12
969			4,370					5,004			4,953
971			4,877					5,115			5,385
			11.58					2.22			2.68
969			1.310					14.844			16.154
971			2.313					16.332			18.645
			76.56					10.02			15.42

TABLE 44
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PHYSICAL SCIENCE				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	13.75	16.11	12.16	10.78	9.65	8.73	13.74	10.2
	1971	14.40	18.38	12.01	8.91	16.28	9.27	14.33	12.3
PERCENT CHANGED		4.67	14.07	-1.26	-17.29	68.69	6.12	4.30	20.4
TOTAL INSTRUCTIONAL	1969	18.69	28.55	27.94	21.14	18.52	13.50	17.39	20.9
	1971	19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.4
PERCENT CHANGED		4.67	4.57	-6.89	-15.10	53.88	7.15	21.28	21.1
FTE STDNT-FACULTY RATIO	1969	18.46	14.82	21.60	21.34	23.46	26.69	17.83	23.4
	1971	15.92	16.10	20.79	31.88	15.84	28.02	19.74	19.0
PERCENT CHANGED		-13.74	8.63	-3.75	49.35	-32.51	4.99	10.73	-18.8
STCPHRS / FTE TEACH-FAC	1969	276.85	221.04	320.38	319.66	351.12	397.78	267.01	345.3
	1971	238.82	240.93	306.97	476.91	236.88	417.93	296.08	281.2
PERCENT CHANGED		-13.74	9.00	-4.18	49.19	-32.54	5.07	10.89	-18.5
STUDENT CRHRS PRODUCED	1969	2,222	4,743	10,153	7,020	2,382	7,238	3,932	33,23
	1971	2,441	5,487	12,754	8,148	1,747	7,659	4,406	30,17
PERCENT CHANGED		9.86	15.69	25.62	16.07	-26.66	5.82	12.05	-9.2
WEIGHTED AVG. CLASS SIZE	1969	18	23	22	24	24	31	21	2
	1971	18	23	23	40	19	34	26	2
PERCENT CHANGED		2.36	2.45	4.69	68.38	-20.70	9.10	20.05	-18.7
AVG. SALARY/FTE TEACH	1969	3,807	3,561	3,896	3,444	3,388	3,473	3,668	3,54
	1971	3,438	4,428	3,686	4,250	3,856	3,873	4,243	3,47
PERCENT CHANGED		-9.70	24.34	-5.39	23.38	13.82	11.51	15.65	-1.9
NO. OF FTE TEACHING FAC.	1969	8.026	21.458	31.691	21.961	6.784	18.196	14.726	96.23
	1971	10.221	22.774	41.548	17.085	7.375	18.326	14.881	107.26
PERCENT CHANGED		27.35	6.13	31.10	-22.20	8.71	.71	1.05	11.4

TABLE 44
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PHYSICAL SCIENCE						TOTAL ALL LEVELS				
APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
13.75	16.11	12.16	10.78	9.65	8.73	13.74	10.25	9.79	8.05	10.97
14.40	18.38	12.01	8.91	16.28	9.27	14.33	12.35	10.01	10.63	12.12
4.67	14.07	-1.26	-17.29	68.69	6.12	4.30	20.43	2.29	32.06	10.45
18.69	28.55	27.94	21.14	18.52	13.50	17.39	20.92	12.30	20.23	20.57
19.56	29.85	26.01	17.95	28.50	14.46	21.10	25.35	14.41	15.31	22.65
4.67	4.57	-6.89	-15.10	53.88	7.15	21.28	21.18	20.05	-24.30	10.08
18.46	14.82	21.60	21.34	23.46	26.69	17.83	23.49	21.93	18.48	21.83
15.92	16.10	20.79	31.88	15.84	28.02	19.74	19.06	24.57	22.40	20.77
-13.74	8.63	-3.75	49.35	-32.51	4.99	10.73	-18.87	12.03	21.18	-4.85
276.85	221.04	320.38	319.66	351.12	397.78	267.01	345.34	328.99	277.26	323.84
238.82	240.93	306.97	476.91	236.88	417.93	296.08	281.27	368.56	336.01	308.63
-13.74	9.00	-4.18	49.19	-32.54	5.07	10.89	-18.55	12.03	21.19	-4.70
2,222	4,743	10,153	7,020	2,382	7,238	3,932	33,233	6,407	473	77,803
2,441	5,487	12,754	8,148	1,747	7,659	4,406	30,170	6,256	964	80,032
9.86	15.69	25.62	16.07	-26.66	5.82	12.05	-9.22	-2.36	103.81	2.86
18	23	22	24	24	31	21	26	35	25	25
18	23	23	40	19	34	26	21	32	25	24
2.36	2.45	4.69	68.38	-20.70	9.10	20.05	-18.79	-9.32	1.86	-3.22
3,807	3,561	3,896	3,444	3,388	3,473	3,668	3,541	3,219	2,231	3,553
3,438	4,428	3,686	4,250	3,856	3,873	4,243	3,473	3,689	3,572	3,740
-9.70	24.34	-5.39	23.38	13.82	11.51	15.65	-1.90	14.60	60.06	5.26
8.026	21.458	31.691	21.961	6.784	18.196	14.726	96.232	19.475	1.706	240.255
10.221	22.774	41.548	17.085	7.375	18.326	14.881	107.262	16.974	2.869	259.315
27.35	6.13	31.10	-22.20	8.71	.71	1.05	11.46	-12.84	68.17	7.93

TABLE 44
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PHYSICAL SCIENCE				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	9.60	8.84		15.84				
	1971	10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.73
PERCENT CHANGED		6.23	31.94		-28.20				
TOTAL INSTRUCTIONAL	1969	21.61	17.56		26.10				
	1971	13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17
PERCENT CHANGED		-39.77	23.38		-25.54				
FTE STDNT-FACULTY RATIO	1969	20.25	20.76		11.85				
	1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54
PERCENT CHANGED		5.99	-1.52		49.42				
STCRHRS / FTE TEACH-FAC	1969	303.80	311.43		177.68				
	1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13
PERCENT CHANGED		5.99	-1.52		49.43				
STUDENT CRHRS PRODUCED	1969	912	635		484				
	1971	1,088	775	412	599	414	119	144	449
PERCENT CHANGED		19.30	22.05		23.76				
WEIGHTED AVG. CLASS SIZE	1969	25	22		17				
	1971	25	28	14	23	24	20	11	19
PERCENT CHANGED		-2.35	25.82		32.34				
AVG. SALARY/FTE TEACH	1969	2,917	2,754		2,814				
	1971	3,284	3,579	3,150	3,020	3,325	3,136	2,994	3,427
PERCENT CHANGED		12.58	29.94		7.29				
NO. OF FTE TEACHING FAC.	1969	3.002	2.039		2.724				
	1971	3.379	2.527	2.108	2.256	1.273	.666	1.001	1.926
PERCENT CHANGED		12.56	23.93		-17.18				

TABLE 44
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	PHYSICAL SCIENCE				TOTAL ALL LEVELS					
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
1969	9.60	8.84		15.84					10.85	10.97
1971	10.20	11.67	16.12	11.37	10.23	17.55	20.81	14.70	11.51	12.09
	6.23	31.94		-28.20					6.02	10.26
1969	21.61	17.56		26.10					21.41	20.60
1971	13.02	21.66	24.06	19.43	14.25	26.36	31.19	20.17	17.76	22.46
	-39.77	23.38		-25.54					-17.05	9.03
1969	20.25	20.76		11.85					17.44	21.70
1971	21.47	20.45	13.03	17.70	21.68	11.91	9.59	15.54	18.99	20.70
	5.99	-1.52		49.42					8.90	-4.60
1969	303.80	311.43		177.68					261.56	321.89
1971	321.99	306.69	195.45	265.51	325.22	178.68	143.86	233.13	284.85	307.62
	5.99	-1.52		49.43					8.90	-4.43
1969	912	635		484					2,031	79,834
1971	1,088	775	412	599	414	119	144	449	3,288	83,320
	19.30	22.05		23.76					61.89	4.37
1969	25	22		17					22	25
1971	25	28	14	23	24	20	11	15	23	24
	-2.35	25.82		32.34					4.45	-3.09
1969	2,917	2,754		2,814					2,838	3,530
1971	3,284	3,579	3,150	3,020	3,325	3,135	2,994	3,427	3,277	3,720
	12.58	29.94		7.29					15.46	5.37
1969	3.002	2.039		2.724					7.765	248.620
1971	3.379	2.527	2.108	2.256	1.273	.666	1.001	1.926	11.543	270.858
	12.56	23.93		-17.18					48.65	9.21

TABLE 45
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVEL I LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	5.16	4.65	4.17	4.07	4.83	4.44	5.86	1.8
	1971	3.95	6.97	4.43	4.76	9.35	6.82	8.74	1.3
PERCENT CHANGED		-23.48	49.83	6.38	16.84	93.49	53.62	49.25	-26.5
TOTAL INSTRUCTIONAL	1969	6.47	7.00	13.77	6.38	9.04	6.21	11.83	6.9
	1971	6.95	10.03	10.55	8.33	14.88	9.48	12.75	6.6
PERCENT CHANGED		7.40	43.29	-23.39	30.52	64.55	52.65	7.85	-5.1
FTE STDNT-FACULTY RATIO	1969	48.50	45.35	36.03	55.90	39.05	38.43	34.71	149.5
	1971	52.01	37.66	49.71	53.45	27.79	28.24	30.43	118.2
PERCENT CHANGED		7.24	-16.95	37.95	-4.39	-28.83	-26.51	-12.33	-20.7
STCRHRS / FTE TEACH-FAC	1969	727.42	680.30	540.46	838.52	585.68	576.45	520.69	2,243.0
	1971	780.09	564.96	745.57	801.71	416.78	423.63	456.46	1,773.2
PERCENT CHANGED		7.24	-16.95	37.95	-4.39	-28.84	-26.51	-12.33	-20.9
STUDENT CRHRS PRODUCED	1969	1,764	2,196	5,156	3,396	1,227	1,131	1,095	9,19
	1971	1,575	3,444	7,578	3,093	1,788	1,323	2,343	10,58
PERCENT CHANGED		-10.71	56.83	46.97	-8.92	45.72	16.98	113.97	15.1
WEIGHTED AVG. CLASS SIZE	1969	52	41	53	67	33	38	41	6
	1971	58	28	68	57	27	29	37	1
PERCENT CHANGED		12.32	-30.77	29.71	-13.88	-18.04	-21.73	-8.20	-73.9
AVG. SALARY/FTE TEACH	1969	3,754	3,161	2,252	3,412	2,829	2,559	3,050	4,04
	1971	3,079	3,935	3,305	3,812	3,897	2,890	3,991	2,34
PERCENT CHANGED		-17.97	24.47	46.75	11.75	37.76	12.93	30.87	-41.9
NO. OF FTE TEACHING FAC.	1969	2.425	3.228	9.540	4.050	2.095	1.962	2.103	4.09
	1971	2.019	6.096	10.164	3.858	4.290	3.123	5.133	5.96
PERCENT CHANGED		-16.74	88.85	6.54	-4.74	104.77	59.17	144.08	45.6

TABLE 45
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY LEVEL 1 LOWER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9	5.16	4.65	4.17	4.07	4.83	4.44	5.86	1.80	4.80	6.83	3.72
1	3.95	6.97	4.43	4.76	9.35	6.82	8.74	1.32	6.11	3.53	4.50
	-23.48	49.83	6.38	16.84	93.49	53.62	49.25	-26.52	27.25	-48.25	21.03
9	6.47	7.00	13.77	6.38	9.04	6.21	11.83	6.99	5.66	17.78	8.52
1	6.95	10.03	10.55	8.33	14.88	9.48	12.75	6.63	8.50	5.64	8.98
	7.40	43.29	-23.39	30.52	64.55	52.65	7.85	-5.13	50.15	-68.27	5.35
9	48.50	45.35	36.03	55.90	39.05	38.43	34.71	149.54	47.09	25.48	54.14
1	52.01	37.66	49.71	53.45	27.79	28.24	30.43	118.22	42.49	59.55	51.21
	7.24	-16.95	37.95	-4.39	-28.83	-26.51	-12.33	-20.94	-9.75	133.66	-5.41
9	727.42	680.30	540.46	838.52	585.68	576.45	520.69	2,243.05	706.28	382.22	812.06
1	780.09	564.96	745.57	801.71	416.78	423.63	456.46	1,773.25	637.38	893.18	768.14
	7.24	-16.95	37.95	-4.39	-28.84	-26.51	-12.33	-20.94	-9.76	133.68	-5.41
9	1,764	2,196	5,156	3,396	1,227	1,131	1,095	9,192	2,496	735	28,388
1	1,575	3,444	7,578	3,093	1,788	1,323	2,343	10,581	3,243	1,179	36,147
	-10.71	56.83	46.97	-8.92	45.72	16.98	113.97	15.11	29.93	60.41	27.33
9	52	41	53	67	33	38	41	60	59	35	52
1	58	28	68	57	27	29	37	15	49	56	28
	12.32	-30.77	29.71	-13.88	-18.04	-21.73	-8.20	-73.97	-17.18	59.56	-44.68
9	3,754	3,161	2,252	3,412	2,829	2,559	3,050	4,040	3,392	2,612	3,.19
1	3,079	3,935	3,305	3,812	3,897	2,890	3,991	2,344	3,897	3,156	3,458
	-17.97	24.47	46.75	11.75	37.76	12.93	30.87	-41.98	14.87	20.83	14.53
9	2.425	3.228	9.540	4.050	2.095	1.962	2.103	4.098	3.534	1.923	34.958
1	2.019	6.096	10.164	3.858	4.290	3.123	5.133	5.967	5.088	1.320	47.058
	-16.74	88.85	6.54	-4.74	104.77	59.17	144.08	45.61	43.97	-31.36	34.61

TABLE 45
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PSYCHOLOGY				LEVEL I LOWER LEVEL			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTER
DIRECT TEACHING	1969	4.97	4.50		3.85				
	1971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.3
PERCENT CHANGED		7.41	12.24		29.42				
TOTAL INSTRUCTIONAL	1969	5.71	5.37		9.93				
	1971	6.14	6.38	7.99	5.70	5.73	10.28	6.15	8.3
PERCENT CHANGED		7.53	18.95		-42.54				
FTE STDNT-FACULTY RATIO	1969	31.63	31.64		43.04				
	1971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.1
PERCENT CHANGED		3.15	8.49		-14.84				
STCRHRS / FTE TEACH-FAC	1969	474.41	474.60		645.52				
	1971	489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.2
PERCENT CHANGED		3.16	8.50		-14.84				
STUDENT CRHRS PRODUCED	1969	1,335	1,065		519				
	1971	1,869	1,449	516	663	687	315	588	1,02
PERCENT CHANGED		40.00	36.06		27.75				
WEIGHTED AVG. CLASS SIZE	1969	32	30		43				
	1971	31	32	29	37	33	26	33	2
PERCENT CHANGED		-1.97	8.70		-14.67				
AVG. SALARY/FTE TEACH	1969	2,360	2,137		2,485				
	1971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,79
PERCENT CHANGED		10.82	21.82		10.26				
NO. OF FTE TEACHING FAC.	1969	2.814	2.244		.804				
	1971	3.819	2.814	1.494	1.206	1.407	.804	1.206	2.71
PERCENT CHANGED		35.71	25.40		50.00				

TABLE 45
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVEL 1 LOWER LEVEL

	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
969	4.97	4.50		3.85					4.60	3.80
971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.31	5.41	4.62
	7.41	12.24		29.42					17.43	21.42
969	5.71	5.37		9.93					6.33	8.32
971	6.14	6.38	7.99	5.70	5.73	10.28	6.15	8.36	6.28	8.64
	7.53	18.95		-42.54					-.84	3.88
969	31.63	31.64		43.04					33.20	51.13
971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.15	32.18	47.67
	3.15	8.49		-14.84					-3.07	-6.76
969	474.41	474.60		645.52					497.95	766.95
971	489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.21	482.68	715.09
	3.16	8.50		-14.84					-3.07	-6.76
969	1,335	1,065		519					2,919	31,307
971	1,869	1,449	516	663	687	315	588	1,023	5,184	41,331
	40.00	36.06		27.75					77.60	32.02
969	32	30		43					32	49
971	31	32	29	37	33	26	33	26	32	29
	-1.97	8.70		-14.67					-1.31	-40.81
969	2,360	2,137		2,485					2,292	2,914
971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757	2,609	3,300
	10.82	21.82		10.26					13.84	13.23
969	2.814	2.244		.804					5.862	40.820
971	3.819	2.814	1.494	1.206	1.407	.804	1.206	2.712	10.740	57.798
	35.71	25.40		50.00					83.21	41.59

TABLE 46
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	8.49	6.57	9.46	6.80	7.12	8.24	19.42	4.5
	1971	10.91	10.44	12.81	6.45	9.02	9.94	18.02	3.6
PERCENT CHANGED		28.44	58.85	35.44	-5.09	26.60	20.54	-7.24	-20.2
TOTAL INSTRUCTIONAL	1969	10.03	8.83	21.36	9.90	11.66	10.31	26.71	11.2
	1971	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.9
PERCENT CHANGED		47.25	51.65	7.85	6.54	21.83	20.13	-13.06	-38.1
FTE STDNT-FACULTY RATIO	1969	33.53	41.88	23.93	33.14	34.60	25.59	14.20	55.4
	1971	28.57	32.35	19.63	40.46	29.78	26.82	17.68	68.5
PERCENT CHANGED		-14.80	-22.77	-17.96	22.07	-13.92	4.78	24.52	23.5
STCRHRS / FTE TEACH-FAC	1969	502.99	628.24	359.01	497.12	519.00	383.90	212.98	832.3
	1971	428.57	485.19	294.52	606.82	446.72	402.24	265.20	1,028.0
PERCENT CHANGED		-14.80	-22.77	-17.97	22.07	-13.93	4.78	24.52	23.5
STUDENT CRHRS PRODUCED	1969	252	1,308	1,631	1,727	806	744	233	3,65
	1971	459	1,179	2,046	3,397	1,069	753	689	4,61
PERCENT CHANGED		82.14	-9.86	25.44	96.70	32.63	1.21	195.71	26.2
WEIGHTED AVG. CLASS SIZE	1969	33	32	27	34	29	29	17	3
	1971	30	27	21	38	31	30	20	3
PERCENT CHANGED		-9.38	-15.81	-20.72	11.17	6.00	2.75	21.13	5.5
AVG. SALARY/FTE TEACH	1969	4,272	4,127	3,394	3,378	3,696	3,164	4,137	3,77
	1971	4,676	5,064	3,772	3,914	4,029	3,997	4,778	3,71
PERCENT CHANGED		9.45	22.71	11.13	15.85	8.99	26.31	15.51	-1.5
NO. OF FTE TEACHING FAC.	1969	.501	2.082	4.543	3.474	1.553	1.938	1.094	4.39
	1971	1.071	2.430	6.947	5.598	2.393	1.872	2.598	4.49
PERCENT CHANGED		113.77	16.71	52.92	61.14	54.09	-3.41	137.48	2.2

TABLE 46
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVEL 2 UPPER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
69	8.49	6.57	9.46	6.80	7.12	8.24	19.42	4.53	10.05	18.40	7.14
71	10.91	10.44	12.81	6.45	9.02	9.94	18.02	3.61	13.11	5.81	8.04
	28.44	58.85	35.44	-5.09	26.60	20.54	-7.24	-20.27	30.48	-68.44	12.51
69	10.03	8.83	21.36	9.90	11.66	10.31	26.71	11.27	11.12	35.31	12.92
71	14.76	13.39	23.03	10.55	14.21	12.39	23.22	6.96	16.57	8.60	12.63
	47.25	51.65	7.85	6.54	21.83	20.13	-13.06	-38.19	49.00	-75.62	-2.21
69	33.93	41.88	23.93	33.14	34.60	25.59	14.20	55.49	27.28	7.04	32.79
71	28.57	32.35	19.63	40.46	29.78	26.82	17.68	68.54	21.57	36.24	33.74
	-14.80	-22.77	-17.96	22.07	-13.92	4.78	24.52	23.51	-20.92	414.75	2.89
69	502.99	628.24	359.01	497.12	519.00	383.90	212.98	832.38	409.23	105.55	491.89
71	428.57	485.19	294.52	606.82	446.72	402.24	265.20	1,028.06	323.62	543.59	506.11
	-14.80	-22.77	-17.97	22.07	-13.93	4.78	24.52	23.51	-20.92	415.01	2.89
69	252	1,308	1,631	1,727	806	744	233	3,655	390	177	10,923
71	459	1,179	2,046	3,397	1,069	753	689	4,616	644	318	15,170
	82.14	-9.86	25.44	96.70	32.63	1.21	195.71	26.29	65.13	79.66	38.88
69	33	32	27	34	29	29	17	33	35	12	30
71	30	27	21	38	31	30	20	35	26	35	30
	-9.38	-15.81	-20.72	11.17	6.00	2.75	21.13	5.58	-26.39	191.33	-.03
69	4,272	4,127	3,394	3,378	3,696	3,164	4,137	3,773	4,111	1,942	3,514
71	4,676	5,064	3,772	3,914	4,029	3,997	4,778	3,714	4,242	3,155	4,068
	9.45	22.71	11.13	15.85	8.99	26.31	15.51	-1.55	3.20	62.43	15.76
69	.501	2.082	4.543	3.474	1.553	1.938	1.094	4.391	.953	1.677	22.206
71	1.071	2.430	6.947	5.598	2.393	1.872	2.598	4.490	1.990	.585	29.974
	113.77	16.71	52.92	61.14	54.09	-3.41	137.48	2.25	108.81	-65.12	34.98

TABLE 47
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVELS 3 & 5 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	28.10	23.93	39.79	12.80	21.57	13.53	289.54	14.
	1971	19.60	29.01	35.00	11.28	9.78	16.20		20.
PERCENT CHANGED		-30.23	21.25	-12.05	-11.90	-54.65	19.72	-100.00	45.
TOTAL INSTRUCTIONAL	1969	31.31	30.94	68.90	17.51	29.71	16.03	303.56	29.
	1971	27.77	37.77	74.46	16.88	17.09	22.51		39.
PERCENT CHANGED		-11.30	22.08	8.07	-3.56	-42.47	40.45	-100.00	31.
FTE STDNT-FACULTY RATIO	1969	13.05	15.38	9.95	23.13	15.56	20.77	4.42	27.
	1971	17.90	14.54	10.81	27.63	37.73	20.57		19.
PERCENT CHANGED		37.14	-5.45	8.63	19.45	142.44	-.95	-100.00	-31.
STCRHRS / FTE TEACH-FAC	1969	156.63	184.58	119.42	277.55	186.71	249.23	53.05	332.
	1971	214.82	174.53	129.73	331.53	452.74	246.86		229.
PERCENT CHANGED		37.15	-5.45	8.63	19.45	142.48	-.95	-100.00	-31.
STUDENT CRHRS PRODUCED	1969	78	237	851	204	177	243	20	1.
	1971	174	333	851	1,349	819	354		1.
PERCENT CHANGED		123.08	40.51	-4.49	561.27	362.71	45.68	-100.00	-31.
WEIGHTED AVG. CLASS SIZE	1969	11	8	8	17	12	20	4	
	1971	16	10	13	21	30	16		
PERCENT CHANGED		41.50	26.71	19.37	22.74	150.67	-16.34	-100.00	-43.
AVG. SALARY/FTE TEACH	1969	4,401	4,416	4,752	3,553	4,027	3,373	15,360	4,7
	1971	4,210	5,063	4,540	3,739	4,427	3,999		4,7
PERCENT CHANGED		-4.32	14.64	-4.46	5.23	9.93	18.58	-100.00	.
NO. OF FTE TEACHING FAC.	1969	.498	1.284	7.461	.735	.948	.975	.377	5.
	1971	.810	1.908	6.560	4.069	1.809	1.434		5.
PERCENT CHANGED		62.65	48.60	-12.08	453.61	90.82	47.08	-100.00	-1.

TABLE 47
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY LEVELS 3 & 5 MASTERS AND PROFESSIONAL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
969	28.10	23.93	39.79	12.80	21.57	13.53	289.54	14.12			22.86
971	19.60	29.01	35.00	11.28	9.78	16.20		20.60	20.90	8.33	18.88
	-30.23	21.25	-12.05	-11.90	-54.65	19.72	-100.00	45.87			-17.37
969	31.31	30.94	68.90	17.51	29.71	16.03	303.56	29.73			39.07
971	27.77	37.77	74.46	16.88	17.09	22.51		39.05	562.47	20.91	34.04
	-11.30	22.08	8.07	-3.56	-42.47	40.45	-100.00	31.34			-12.86
969	13.05	15.38	9.95	23.13	15.56	20.77	4.42	27.73			17.36
971	17.90	14.54	10.81	27.63	37.73	20.57		19.10	16.70	24.10	19.44
	37.14	-5.45	8.63	19.45	142.44	-.95	-100.00	-31.12			11.97
969	156.63	184.58	119.42	277.55	186.71	249.23	53.05	332.81			208.36
971	214.82	174.53	129.73	331.53	452.74	246.86		229.23	200.00	289.16	233.31
	37.15	-5.45	8.63	19.45	142.48	-.95	-100.00	-31.12			11.97
969	78	237	891	204	177	243	20	1,894			3,744
971	174	333	851	1,349	819	354		1,291	2	72	5,245
	123.08	40.51	-4.49	561.27	362.71	45.68	-100.00	-31.84			40.09
969	11	8	8	17	12	20	4	10			10
971	16	10	10	21	30	16		5	20	24	11
	41.50	26.71	19.37	22.74	150.67	-16.34	-100.00	-43.76			9.45
969	4,401	4,416	4,752	3,553	4,027	3,373	15,360	4,700			4,762
971	4,210	5,063	4,540	3,739	4,427	3,999		4,722	4,180	2,410	4,406
	-4.32	14.64	-4.46	5.23	9.93	18.58	-100.00	.48			-7.48
969	.498	1.284	7.461	.735	.948	.975	.377	5.691			17.969
971	.810	1.908	6.560	4.069	1.809	1.434		5.632	.010	.249	22.481
	62.65	48.60	-12.08	453.61	90.82	47.08	-100.00	-1.04			25.11

TABLE 48
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969			214.34					23.18
	1971			60.72					26.70
PERCENT CHANGED				-71.67					15.18
TOTAL INSTRUCTIONAL	1969			351.23					52.25
	1971			114.74					46.94
PERCENT CHANGED				-67.33					-10.16
FTE STDNT-FACULTY RATIO	1969			1.72					20.19
	1971			8.33					16.81
PERCENT CHANGED				383.08					-16.74
STCHRS / FTE TEACH-FAC	1969			20.65					242.32
	1971			100.00					201.74
PERCENT CHANGED				384.19					-16.75
STUDENT CRHRS PRODUCED	1969			14					726
	1971			54					788
PERCENT CHANGED				285.71					8.54
WEIGHTED AVG. CLASS SIZE	1969			1					5
	1971			5					5
PERCENT CHANGED				233.33					-4.46
AVG. SALARY/FTE TEACH	1969			4,426					5,617
	1971			6,072					5,386
PERCENT CHANGED				37.18					-4.11
NO. OF FTE TEACHING FAC.	1969			.678					2.996
	1971			.540					3.906
PERCENT CHANGED				-20.35					30.37

TABLE 48
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

PSYCHOLOGY LEVEL 4 DOCTORAL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
969			214.34					23.18			26.80
971			60.72					26.70			28.89
			-71.67					15.18			7.78
969			351.23					52.25			57.91
971			114.74					46.94			51.29
			-67.33					-10.16			-11.43
969			1.72					20.19			16.79
971			8.33					16.81			15.78
			383.08					-16.74			-5.97
969			20.65					242.32			201.42
971			100.00					201.74			189.38
			384.19					-16.75			-5.97
969			14					726			740
971			54					788			842
			285.71					8.54			13.78
969			1					5			4
971			5					5			5
			233.33					-4.46			1.66
969			4,426					5,617			5,397
971			6,072					5,386			5,470
			37.18					-4.11			1.34
969			.678					2.996			3.674
971			.540					3.906			4.446
			-20.35					30.37			21.01

TABLE 49
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PSYCHOLOGY				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	6.42	6.54	9.80	5.29	7.01	6.82	12.41	4.
	1971	6.63	9.27	8.82	6.61	9.35	9.15	10.85	4.
PERCENT CHANGED		3.30	41.74	-9.98	25.04	33.42	34.22	-12.56	-8.
TOTAL INSTRUCTIONAL	1969	7.82	9.15	22.38	7.95	11.65	8.78	18.73	12.
	1971	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.
PERCENT CHANGED		30.56	38.64	-16.55	35.40	30.24	39.91	-19.19	-14.
FTE STDNT-FACULTY RATIO	1969	41.15	38.42	23.76	43.41	32.70	29.80	25.24	62.
	1971	38.49	32.20	29.62	40.30	30.47	26.12	26.15	59.
PERCENT CHANGED		-6.47	-16.19	24.66	-7.16	-6.83	-12.35	3.60	-5.
STCRHRS / FTE TEACH-FAC	1969	611.57	567.33	346.14	644.99	480.85	434.46	377.17	900.
	1971	566.15	474.99	434.89	579.59	432.88	377.98	392.19	864.
PERCENT CHANGED		-7.43	-16.28	25.64	-10.14	-9.98	-13.00	3.98	-4.
STUDENT CRHRS PRODUCED	1969	2,094	3,741	7,692	5,327	2,210	2,118	1,348	15,4
	1971	2,208	4,956	10,529	7,839	3,676	2,430	3,032	17,2
PERCENT CHANGED		5.44	32.48	36.88	47.16	66.33	14.73	124.93	11.
WEIGHTED AVG. CLASS SIZE	1969	43	30	27	47	28	31	29	
	1971	41	25	34	38	29	26	31	
PERCENT CHANGED		-3.78	-16.73	25.86	-19.30	3.89	-14.77	6.56	-44.
AVG. SALARY/FTE TEACH	1969	3,924	3,711	3,391	3,410	3,369	2,962	4,681	4,4
	1971	3,753	4,404	3,836	3,832	4,047	3,460	4,256	3,9
PERCENT CHANGED		-4.36	18.69	13.09	12.37	20.12	16.79	-9.08	-12.
NO. OF FTE TEACHING FAC.	1969	3.424	6.594	22.222	8.259	4.596	4.875	3.574	17.1
	1971	3.900	10.434	24.211	13.525	8.492	6.429	7.731	19.9
PERCENT CHANGED		13.90	58.23	8.95	63.76	84.77	31.88	116.31	16.

TABLE 49
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY				TOTAL ALL LEVELS						
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
969	6.42	6.54	9.80	5.29	7.01	6.82	12.41	4.96	5.51	9.09	6.60
971	6.63	9.27	8.82	6.61	9.35	9.15	10.85	4.53	7.28	4.21	7.11
	3.30	41.74	-9.98	25.04	33.42	34.22	-12.56	-8.60	32.05	-53.56	7.72
969	7.82	9.15	22.38	7.95	11.65	8.78	18.73	12.91	6.40	21.18	13.06
971	10.21	12.69	18.67	10.76	15.18	12.28	15.13	10.98	10.13	6.94	12.86
	30.56	38.64	-16.55	35.40	30.24	39.91	-19.19	-14.94	58.16	-67.22	-1.60
969	41.15	38.42	23.76	43.41	32.70	29.80	25.24	62.58	42.88	16.89	38.00
971	38.49	32.20	29.62	40.30	30.47	26.12	26.15	59.33	36.58	49.12	37.79
	-6.47	-16.19	24.66	-7.16	-6.83	-12.35	3.60	-5.18	-14.68	190.77	-.55
969	611.57	567.33	346.14	644.99	480.85	434.46	377.17	900.50	643.19	253.33	555.73
971	566.15	474.99	434.89	579.59	432.88	377.98	392.19	864.02	548.67	728.41	552.18
	-7.43	-16.28	25.64	-10.14	-9.98	-13.00	3.98	-4.05	-14.69	187.53	-.64
969	2,094	3,741	7,692	5,327	2,210	2,118	1,348	15,467	2,886	912	43,795
971	2,208	4,956	10,529	7,839	3,676	2,430	3,032	17,276	3,889	1,569	57,404
	5.44	32.48	36.88	47.16	66.33	14.73	124.93	11.70	34.75	72.04	31.07
969	43	30	27	47	28	31	29	25	54	25	30
971	41	25	34	38	29	26	31	14	43	48	23
	-3.78	-16.73	25.86	-19.30	3.89	-14.77	6.56	-44.47	-21.24	85.98	-21.44
969	3,924	3,711	3,391	3,410	3,369	2,962	4,681	4,465	3,545	2,300	3,667
971	3,753	4,404	3,836	3,832	4,047	3,460	4,256	3,916	3,994	3,970	3,925
	-4.36	18.69	13.09	12.37	20.12	16.79	-9.08	-12.30	12.67	33.45	7.03
969	3.424	6.594	22.222	8.259	4.596	4.875	3.574	17.176	4.487	3.600	78.807
971	3.900	10.434	24.211	13.525	8.492	6.429	7.731	19.995	7.088	2.154	103.959
	13.90	58.23	8.95	63.76	84.77	31.88	116.31	16.41	57.97	-40.17	31.92

TABLE 49
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		PSYCHOLOGY				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	4.97	4.53		3.85				
	1971	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.3
PERCENT CHANGED		7.41	12.24		29.42				
TOTAL INSTRUCTIONAL	1969	5.71	5.37		9.93				
	1971	6.14	6.38	7.99	5.70	5.73	10.28	6.15	8.36
PERCENT CHANGED		7.53	18.95		-42.54				
FTE STDNT-FACULTY RATIO	1969	31.63	31.64		43.04				
	1971	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.1
PERCENT CHANGED		3.15	8.49		-14.84				
STCRHRS / FTE TEACH-FAC	1969	474.41	474.60		645.52				
	1971	489.40	514.33	345.38	549.75	488.27	391.79	487.56	377.21
PERCENT CHANGED		3.16	8.50		-14.84				
STUDENT CRHRS PRODUCED	1969	1,335	1,065		519				
	1971	1,869	1,449	516	663	687	315	588	1,023
PERCENT CHANGED		40.00	36.06		27.75				
WEIGHTED AVG. CLASS SIZE	1969	32	30		43				
	1971	31	32	29	37	33	26	33	26
PERCENT CHANGED		-1.97	8.70		-14.67				
AVG. SALARY/FTE TEACH	1969	2,360	2,137		2,485				
	1971	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757
PERCENT CHANGED		10.82	21.82		10.26				
NO. OF FTE TEACHING FAC.	1969	2.814	2.244		.804				
	1971	3.819	2.814	1.494	1.206	1.407	.804	1.206	2.712
PERCENT CHANGED		35.71	25.40		50.00				

TABLE 49
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	PSYCHOLOGY				TOTAL ALL LEVELS					
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
9	4.97	4.53		3.85					4.60	6.47
1	5.34	5.06	7.76	4.98	4.95	7.07	5.39	7.31	5.41	6.97
	7.41	12.24		29.42					17.43	7.63
9	5.71	5.37		9.93					6.33	12.64
1	6.14	6.38	7.99	5.70	5.73	10.28	6.15	8.36	6.28	12.31
	7.53	18.95		-42.54					-.84	-2.63
9	31.63	31.64		43.34					33.20	37.66
1	32.63	34.33	23.03	36.65	32.55	26.12	32.50	25.15	32.18	37.26
	3.15	8.49		-14.84					-3.07	-1.06
9	474.41	474.60		645.52					497.95	551.73
1	489.40	514.93	345.38	549.75	488.27	391.79	487.56	377.21	482.68	545.67
	3.16	8.50		-14.84					-3.07	-1.10
9	1,335	1,065		519					2,919	46,714
1	1,869	1,449	516	663	687	315	588	1,023	5,184	62,588
	40.00	36.06		27.75					77.60	33.98
9	32	30		43					32	30
1	31	32	29	37	33	26	33	26	32	24
	-1.97	8.70		-14.67					-1.31	-20.07
9	2,360	2,137		2,485					2,292	3,572
1	2,615	2,603	2,678	2,740	2,417	2,768	2,628	2,757	2,609	3,801
	10.82	21.82		10.26					13.84	6.44
9	2.814	2.244		.804					5.862	84.669
1	3.819	2.814	1.494	1.206	1.407	.804	1.206	2.712	10.740	114.699
	35.71	25.40		50.00					83.21	35.47

TABLE 50
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE — LEVEL I LOWER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KN
DIRECT TEACHING	1969	5.35	5.92	4.69	6.97	5.42	5.33	8.08	4
	1971	6.57	7.12	5.80	8.14	5.20	6.93	9.06	4
PERCENT CHANGED		22.86	20.42	16.25	16.87	-4.07	30.03	12.11	1
TOTAL INSTRUCTIONAL	1969	6.65	7.74	9.59	9.75	7.37	6.86	9.40	7
	1971	8.63	9.55	9.97	12.50	7.79	8.91	11.56	7
PERCENT CHANGED		29.72	23.35	3.97	28.13	5.68	29.81	22.95	
FTE STDNT-FACULTY RATIO	1969	36.48	36.50	40.31	28.66	36.38	35.79	27.65	42
	1971	34.51	34.48	38.62	30.15	41.12	33.10	29.76	43
PERCENT CHANGED		-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2
STCHRS / FTE T-ACH-FAC	1969	547.24	547.54	604.62	429.96	545.77	536.85	414.70	638
	1971	517.59	517.22	578.26	452.18	616.84	496.52	446.39	653
PERCENT CHANGED		-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2
STUDENT CRHRS PRODUCED	1969	5,404	15,945	20,912	11,461	9,264	8,953	7,467	31,
	1971	6,179	15,546	20,955	12,675	6,916	9,426	9,375	28,
PERCENT CHANGED		14.34	-2.50	.21	10.59	-16.31	5.28	25.55	-7
WEIGHTED AVG. CLASS SIZE	1969	42	43	40	30	36	39	27	
	1971	40	40	40	30	35	37	35	
PERCENT CHANGED		-4.05	-8.36	.40	-2.57	-2.40	-4.16	28.98	5
AVG. SALARY/FTE TEACH	1969	2,927	3,238	3,018	2,995	2,959	2,861	3,352	2,
	1971	3,402	3,685	3,361	3,682	3,208	3,441	4,045	2,
PERCENT CHANGED		16.23	13.78	11.39	22.93	8.40	20.28	20.68	4
NO. OF FTE TEACHING FAC.	1969	9.875	9.121	34.587	26.656	15.142	16.677	18.006	49.
	1971	11.938	10.057	36.174	28.031	11.212	18.984	21.002	44.
PERCENT CHANGED		20.89	3.21	4.59	5.16	-25.95	13.83	16.64	-9

TABLE 50
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE LEVEL 1 LOWER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
5.35	5.92	4.59	6.97	5.42	5.33	8.08	4.11	6.42	10.61	5.50
6.57	7.12	5.80	8.14	5.20	6.93	9.06	4.19	7.80	4.72	6.29
22.86	20.42	16.25	16.87	-4.07	30.03	12.11	.75	21.48	-55.53	14.44
6.65	7.74	9.59	9.75	7.37	6.86	9.40	7.02	7.48	23.69	8.18
8.63	9.55	9.97	12.50	7.79	8.91	11.56	7.02	10.95	6.91	9.32
29.72	23.35	3.97	28.13	5.68	29.81	22.95	.04	46.29	-70.82	14.00
36.48	36.50	40.31	28.66	36.38	35.79	27.65	42.56	33.44	14.34	35.95
34.51	34.48	38.62	30.15	41.12	33.10	29.76	43.59	30.42	38.12	35.94
-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.42	-9.05	155.12	-.04
547.24	547.54	604.62	429.96	545.77	536.85	414.70	638.39	501.65	224.13	539.30
517.59	517.22	579.26	452.18	616.84	496.52	446.39	653.81	456.25	571.85	539.06
-5.42	-5.54	-4.19	5.17	13.02	-7.51	7.64	2.42	-9.05	155.17	-.05
9,404	15,945	20,912	11,461	8,264	8,953	7,467	31,398	8,208	1,233	119,245
6,179	15,546	20,955	12,675	6,916	9,426	9,375	28,996	7,977	2,316	120,361
14.34	-2.50	.21	10.59	-16.31	5.28	25.55	-7.65	-2.81	87.83	.94
42	43	40	30	36	39	27	50	43	21	40
40	40	40	30	35	37	35	53	34	41	39
-4.05	-8.36	.40	-2.57	-2.40	-4.16	28.98	5.92	-20.02	95.42	-.37
2,927	3,238	3,218	2,995	2,959	2,861	3,352	2,627	3,219	2,379	2,963
3,402	3,685	3,361	3,682	3,208	3,441	4,045	2,737	3,556	2,697	3,390
16.23	13.78	11.39	22.93	8.40	20.29	20.68	4.20	10.49	13.39	14.39
9,875	9,121	34,587	26,656	15,142	16,677	18,006	49,183	16,362	5,502	221,111
11,938	10,997	36,174	28,031	11,212	18,984	21,502	44,349	17,484	4,050	223,281
20.89	3.21	4.59	5.16	-25.95	13.83	16.64	-9.83	6.86	-26.39	.98

TABLE 50

TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		SOCIAL SCIENCE				LEVEL I LOWER LEVEL			
COST PER STUDENT CREDIT HOUR		CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	5.51	6.17		7.51				
	1971	6.63	8.18	7.14	8.13	9.70	9.26	8.61	8.46
PERCENT CHANGED		20.15	32.51		8.24				
TOTAL INSTRUCTIONAL	1969	6.64	8.28		8.89				
	1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76
PERCENT CHANGED		23.98	41.13		7.41				
FTE STDNT-FACULTY RATIO	1969	30.29	27.80		23.03				
	1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21
PERCENT CHANGED		-2.23	-5.10		7.79				
STCHRS / FTE TEACH-FAC	1969	454.33	416.98		345.39				
	1971	444.21	395.70	403.09	372.31	336.65	320.07	322.99	378.11
PERCENT CHANGED		-2.23	-5.10		7.79				
STUDENT CRHRS PRODUCED	1969	2,283	2,313		2,081				
	1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2,052
PERCENT CHANGED		8.28	9.73		22.10				
WEIGHTED AVG. CLASS SIZE	1969	30	26		24				
	1971	27	28	28	26	23	21	22	25
PERCENT CHANGED		-9.61	9.54		4.74				
AVG. SALARY/FTE TEACH	1969	2,505	2,574		2,594				
	1971	2,943	3,237	2,877	3,026	3,266	2,545	2,777	3,233
PERCENT CHANGED		17.50	25.77		16.67				
NO. OF FTE TEACHING FAC.	1969	5.025	5.547		6.025				
	1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5.427
PERCENT CHANGED		10.75	15.63		13.28				

TABLE 50

TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE LEVEL I LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
5.51	6.17		7.51					6.36	5.54
6.63	8.18	7.14	8.13	9.70	9.26	8.61	8.46	7.84	6.41
20.15	32.51		8.24					23.24	15.61
6.64	8.28		8.89					7.91	8.16
8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76	9.68	9.35
23.98	41.13		7.41					22.40	14.54
30.29	27.80		23.03					26.82	35.32
29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21	26.17	34.94
-2.23	-5.10		7.79					-2.44	-1.06
454.33	416.98		345.39					402.30	529.73
444.21	395.70	403.09	372.31	336.65	320.07	322.55	378.11	392.47	524.12
-2.23	-5.10		7.79					-2.44	-1.06
2,283	2,313		2,081					6,677	125,922
2,472	2,538	1,173	2,541	1,218	579	1,167	2,052	9,942	130,303
8.28	9.73		22.10					48.90	3.48
30	26		24					27	39
27	28	24	26	23	21	22	25	27	38
-9.61	9.54		4.74					-.72	-1.47
2,505	2,574		2,594					2,560	2,935
2,943	3,237	2,877	3,026	3,266	2,545	2,777	3,200	3,078	3,358
17.50	25.77		16.67					20.25	14.41
5,025	5,547		6,025					16,597	237,708
5,565	6,414	2,910	6,825	3,618	1,809	3,618	5,427	25,332	248,613
10.74	15.63		13.28					52.63	4.59

TABLE 51
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE — LEVEL 2 UPPER LEVEL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	9.19	11.42	9.98	10.13	5.96	8.38	14.72	6.56
	1971	10.44	12.57	10.61	10.47	6.63	13.96	17.66	10.24
PERCENT CHANGED		13.61	10.05	6.28	3.36	11.20	72.80	19.96	55.96
TOTAL INSTRUCTIONAL	1969	10.74	13.70	15.63	12.86	7.56	9.64	16.29	9.53
	1971	12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34
PERCENT CHANGED		16.92	12.78	4.07	13.27	21.36	75.54	31.88	50.54
FTE STDNT-FACULTY RATIO	1969	29.46	20.67	25.23	23.92	36.59	28.70	17.30	41.16
	1971	30.05	21.98	25.27	25.73	37.51	18.11	16.23	29.52
PERCENT CHANGED		1.98	6.36	.16	7.57	2.50	-36.88	-6.20	-28.26
STCRHRS / FTE TEACH-FAC	1969	441.94	310.01	378.45	358.77	548.84	430.51	259.49	617.43
	1971	450.69	329.72	379.06	385.93	562.57	271.71	243.40	442.80
PERCENT CHANGED		1.98	6.36	.16	7.57	2.50	-36.89	-6.20	-28.28
STUDENT CRHRS PRODUCED	1969	2,592	3,930	6,342	5,774	4,821	2,311	984	6,425
	1971	2,838	3,713	6,261	7,242	4,356	1,674	2,537	6,936
PERCENT CHANGED		9.49	-5.52	-1.28	25.42	-9.65	-27.56	157.83	7.95
WEIGHTED AVG. CLASS SIZE	1969	29	26	26	25	37	33	20	38
	1971	32	26	26	25	32	20	19	32
PERCENT CHANGED		9.95	.42	.30	-2.97	-13.48	-38.54	-3.89	-16.16
AVG. SALARY/FTE TEACH	1969	4,061	3,542	3,778	3,635	3,272	3,476	3,820	4,051
	1971	4,705	4,145	4,022	4,041	3,729	3,792	4,298	4,533
PERCENT CHANGED		15.85	17.05	6.46	11.19	13.99	9.08	12.52	11.89
NO. OF FTE TEACHING FAC.	1969	5.865	12.677	16.758	16.094	8.784	5.368	3.792	10.406
	1971	6.297	11.261	16.517	18.765	7.743	6.161	10.423	15.664
PERCENT CHANGED		7.37	-11.17	-1.44	16.60	-11.85	14.77	174.87	50.53

TABLE 51
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE — LEVEL 2 UPPER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
9	9.19	11.42	9.98	10.13	5.96	8.08	14.72	6.56	10.33	29.34	9.08
1	10.44	12.57	10.61	10.47	6.63	13.96	17.66	10.24	10.33	12.80	10.87
	13.61	10.05	6.28	3.36	11.20	72.80	19.96	55.96	-.04	-56.38	19.65
9	10.74	13.70	15.63	12.86	7.56	9.64	14.29	9.53	11.63	49.19	12.04
1	12.56	15.45	16.27	14.57	9.18	16.93	21.48	14.34	13.79	16.05	14.67
	16.92	12.78	4.07	13.27	21.36	75.54	31.88	50.54	18.54	-67.36	21.84
9	29.46	20.67	25.23	23.92	36.59	28.70	17.30	41.16	22.00	7.08	26.90
1	30.05	21.98	25.27	25.73	37.51	18.11	16.23	29.52	24.25	16.70	25.34
	1.98	6.36	.16	7.57	2.50	-36.88	-6.20	-28.28	10.21	135.68	-5.83
9	441.94	310.01	378.45	358.77	548.84	430.51	259.49	617.43	330.03	106.24	403.55
1	450.69	329.72	379.06	385.93	362.57	271.71	243.40	442.80	363.74	250.50	380.02
	1.98	6.36	.16	7.57	2.50	-36.89	-6.20	-28.28	10.21	135.78	-5.83
9	2,592	3,930	6,342	5,774	4,821	2,311	984	6,425	1,466	240	34,885
1	2,838	3,713	6,261	7,242	4,356	1,674	2,537	6,936	1,914	375	37,646
	9.49	-5.52	-1.28	25.42	-9.65	-27.56	157.83	7.95	30.56	56.25	8.49
9	29	26	26	25	37	33	20	38	29	9	29
1	32	26	26	25	32	20	19	32	25	18	26
	9.95	.42	.30	-2.97	-13.48	-38.54	-3.89	-16.16	-16.04	95.52	-8.53
9	4,061	3,542	3,778	3,635	3,272	3,476	3,820	4,051	3,410	3,117	3,664
1	4,705	4,145	4,022	4,041	3,729	3,792	4,298	4,533	3,757	3,205	4,129
	15.85	17.05	6.46	11.19	13.99	9.08	12.52	11.89	10.16	2.83	12.68
9	5,865	12,677	16,758	16,094	8,784	5,368	3,792	10,406	4,442	2,259	86,445
1	6,297	11,261	16,517	18,765	7,743	6,161	10,423	15,664	5,262	1,497	99,590
	7.37	-11.17	-1.44	16.60	-11.85	14.77	174.87	50.53	18.46	-33.73	15.21

TABLE 52
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE — LEVELS 3 & 4 MASTERS AND PROFESSIONAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969	25.25	44.47	22.58	46.75	55.18	46.20	27.76	27.11
	1971	27.74	46.27	30.01	30.94	34.46	27.56		29.40
PERCENT CHANGED		9.88	4.04	32.90	-33.83	-37.56	-40.38	-100.00	8.35
TOTAL INSTRUCTIONAL	1969	27.18	52.81	33.19	52.68	62.25	48.22	29.06	37.30
	1971	36.85	54.76	54.96	36.12	44.37	78.34		60.79
PERCENT CHANGED		35.58	3.69	65.58	-31.44	-28.73	62.56	-100.00	63.00
FTE STDNT-FACULTY RATIO	1969	13.15	7.41	14.58	7.91	6.60	7.97	9.70	13.91
	1971	15.99	7.88	13.09	12.35	11.40	12.34		13.84
PERCENT CHANGED		21.58	6.45	-10.24	56.16	72.79	54.71	-100.00	-.55
STCHRS / FTE TEACH-FAC	1969	157.84	88.87	175.01	94.87	79.14	95.65	116.40	166.96
	1971	191.92	94.61	157.08	148.18	136.79	148.01		166.04
PERCENT CHANGED		21.59	6.46	-10.25	56.20	72.95	54.74	-100.00	-.55
STUDENT CRHRS PRODUCED	1969	158	309	1,182	244	66	66	66	1,784
	1971	152	474	1,343	648	87	123		1,945
PERCENT CHANGED		-3.80	53.40	13.62	165.57	31.82	86.36	-100.00	9.02
WEIGHTED AVG. CLASS SIZE	1969	8	5	11	6	6	15	10	9
	1971	13	6	10	9	10	12		9
PERCENT CHANGED		55.59	20.50	-11.38	34.08	69.45	-22.22	-100.00	4.42
AVG. SALARY/FTE TEACH	1969	3,985	3,952	3,952	4,436	4,367	4,400	3,231	4,530
	1971	4,324	4,378	4,714	4,584	4,713	4,379		4,881
PERCENT CHANGED		33.60	10.76	19.29	3.39	7.93	-7.28	-100.00	7.76
NO. OF FTE TEACHING FAC.	1969	1.001	3.477	6.794	2.972	.834	.690	.967	10.685
	1971	.792	5.010	8.550	4.373	.636	.831		11.714
PERCENT CHANGED		-20.88	44.09	26.59	70.02	-23.74	20.43	-100.00	9.63

TABLE 52
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
25.25	44.47	22.58	46.75	55.18	46.00	27.76	27.13			29.10
27.74	46.27	30.01	30.94	34.46	27.56		29.40			31.45
9.88	4.04	32.90	-33.83	-37.56	-40.08	-100.00	8.35			8.08
27.18	52.81	33.19	52.68	62.25	48.22	29.06	37.30			38.31
36.85	54.76	54.96	36.12	44.37	78.39		60.79			54.59
35.58	3.69	65.58	-31.44	-28.73	62.56	-100.00	63.00			42.51
13.15	7.41	14.58	7.91	6.60	7.97	9.70	13.91			12.15
15.99	7.88	13.09	12.35	11.40	12.34		13.84			12.46
21.58	6.45	-10.24	56.16	72.79	54.71	-100.00	-.55			2.59
157.84	88.87	175.01	94.87	79.14	95.65	116.40	166.96			145.79
191.92	94.61	157.08	148.18	136.79	148.01		166.04			149.56
21.59	6.46	-10.25	56.20	72.85	54.74	-100.00	-.55			2.59
158	309	1,182	244	66	66	66	1,784			3,875
152	474	1,343	648	87	123		1,945			4,772
-3.80	53.40	13.62	165.57	31.82	86.36	-100.00	9.02			23.15
8	5	11	6	6	15	10	9			9
13	6	10	9	10	12		9			9
55.59	20.50	-11.38	34.08	69.45	-22.22	-100.00	4.42			4.28
3,985	3,952	3,952	4,436	4,367	4,400	3,231	4,530			4,242
5,324	4,378	4,714	4,584	4,713	4,079		4,881			4,703
33.60	10.76	19.29	3.35	7.93	-7.28	-100.00	7.76			10.89
1.001	3.477	6.754	2.572	.834	.690	.567	10.685			26.580
.792	5.010	8.550	4.373	.636	.831		11.714			31.906
-20.88	44.09	26.59	70.02	-23.74	20.43	-100.00	9.63			20.04

TABLE 53
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE — LEVEL 4 DOCTORAL

COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.
DIRECT TEACHING	1969								65.91
	1971			194.64	65.76				64.61
PERCENT CHANGED									-1.84
TOTAL INSTRUCTIONAL	1969								90.66
	1971			301.21	81.04				106.04
PERCENT CHANGED									16.94
FTE STDNT-FACULTY RATIO	1969								6.09
	1971			1.93	6.02				6.76
PERCENT CHANGED									10.91
STCRHRS / FTE TEACH-FAC	1969								73.12
	1971			23.12	72.29				81.13
PERCENT CHANGED									10.91
STUDENT CRHRS PRODUCED	1969								531
	1971			12	18				649
PERCENT CHANGED									20.11
WEIGHTED AVG. CLASS SIZE	1969								
	1971			1	3				4
PERCENT CHANGED									10.26
AVG. SALARY/FTE TEACH	1969								4,820
	1971			4,500	4,754				5,249
PERCENT CHANGED									8.81
NO. OF FTE TEACHING FAC.	1969								7.349
	1971			.519	.249				7.951
PERCENT CHANGED									8.29

TABLE 53
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

SOCIAL SCIENCE LEVEL 4 DOCTORAL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT WASH.	TOTAL
9								65.91			65.91
1			194.64	65.76				64.67			67.01
								-1.88			1.67
9								90.68			90.68
1			3C1.21	81.04				106.04			108.84
								16.94			20.03
9								6.09			6.39
1			1.93	6.02				6.76			6.45
								10.91			5.85
9								73.12			73.12
1			23.12	72.29				81.10			77.40
								10.91			5.85
9								537			537
1			12	18				645			675
								20.11			25.70
9								3			3
1			1	3				4			4
								10.2[illegible]			6.71
9								4,820			4,820
1			4,5C3	4,754				5,245			5,187
								8.83			7.62
9								7.344			7.344
1			.519	.249				7.953			8.721
								8.29			18.75

TABLE 54
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		SOCIAL SCIENCE				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	6.96	7.58	6.84	8.57	5.87	6.13	9.00	6.3
	1971	8.12	9.09	8.07	9.73	5.97	8.21	10.89	7.9
PERCENT CHANGED		16.74	19.94	18.10	13.57	1.75	33.91	20.98	18.9
TOTAL INSTRUCTIONAL	1969	8.35	9.59	11.92	11.38	7.72	7.67	10.35	9.8
	1971	10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.3
PERCENT CHANGED		23.52	22.47	14.01	23.28	11.48	41.64	32.10	28.6
FTE STDNT-FACULTY RATIO	1969	32.63	29.83	32.97	25.80	35.45	33.27	25.44	34.9
	1971	32.26	28.57	31.21	26.90	38.73	28.88	25.27	32.7
PERCENT CHANGED		-1.13	-4.25	-5.34	4.27	9.23	-13.19	-.65	-6.4
STCHMRS / FTE TEACH-FAC	1969	487.07	445.81	489.44	385.66	531.14	498.35	380.82	517.4
	1971	481.89	425.94	462.61	400.31	579.81	432.05	379.06	483.4
PERCENT CHANGED		-1.06	-4.46	-5.48	3.80	9.16	-13.30	-.46	-6.9
STUDENT CHMRS PRODUCED	1969	8,154	20,184	28,436	17,479	13,151	11,330	8,517	40,14
	1971	9,169	19,733	28,571	20,583	11,359	11,223	11,912	38,52
PERCENT CHANGED		12.45	-2.23	.47	17.76	-13.63	-.94	39.86	-4.0
WEIGHTED AVG. CLASS SIZE	1969	34	35	32	27	35	37	25	
	1971	36	32	31	26	33	32	30	
PERCENT CHANGED		4.86	-6.91	-3.41	-5.59	-5.98	-12.83	15.67	-3.0
AVG. SALARY/FTE TEACH	1969	3,387	3,378	3,346	3,304	3,118	3,053	3,428	3,28
	1971	3,913	3,872	3,735	3,895	3,463	3,545	4,129	3,69
PERCENT CHANGED		15.52	14.61	11.64	17.89	11.08	16.11	20.44	11.4
NO. OF FTE TEACHING FAC.	1969	16.741	45.275	58.099	45.322	24.760	22.735	22.365	77.6
	1971	19.027	46.328	61.760	51.418	19.591	25.976	31.425	79.60
PERCENT CHANGED		13.66	2.33	6.30	13.45	-20.88	14.26	40.51	2.6

TABLE 54
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	SOCIAL SCIENCE				TOTAL ALL LEVELS						
	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
69	6.96	7.58	6.84	8.57	5.87	6.13	9.00	6.36	7.01	13.67	7.07
71	8.12	9.09	8.07	9.73	5.97	8.21	10.89	7.56	8.29	5.84	8.33
	16.74	19.94	18.10	13.57	1.75	33.91	20.98	18.94	18.18	-57.23	17.91
69	8.35	9.59	11.92	11.38	7.72	7.67	10.35	9.88	8.11	27.85	10.04
71	10.31	11.75	13.59	14.03	8.60	10.86	13.67	12.71	11.50	8.18	12.29
	23.52	22.47	14.01	23.28	11.48	41.64	32.10	28.60	41.73	-70.60	22.36
69	32.63	29.83	32.97	25.80	35.45	33.27	25.44	34.98	31.00	12.65	31.17
71	32.26	28.57	31.21	26.90	38.73	28.88	25.27	32.77	28.99	32.34	30.26
	-1.13	-4.25	-5.34	4.27	9.23	-13.19	-.65	-6.31	-6.48	155.55	-2.90
69	487.07	445.81	489.44	385.66	531.14	498.35	380.82	517.20	465.01	189.80	464.28
71	481.89	425.94	462.61	400.31	579.81	432.05	379.06	483.46	434.85	485.13	450.22
	-1.06	-4.46	-5.48	3.80	9.16	-13.30	-.46	-6.52	-6.49	155.60	-3.03
69	8,154	20,184	28,436	17,479	13,151	11,330	8,517	40,144	9,674	1,473	158,942
71	9,169	19,733	28,571	20,583	11,359	11,223	11,912	38,522	9,891	2,691	163,654
	12.45	-2.23	.47	17.76	-13.63	-.94	39.86	-4.04	2.24	82.69	3.22
69	34	35	32	27	35	37	25	35	40	17	33
71	36	32	31	26	33	32	30	34	32	35	31
	4.86	-6.91	-3.41	-5.59	-5.98	-12.83	15.67	-3.08	-20.44	100.79	-4.13
69	3,387	3,378	3,346	3,304	3,118	3,053	3,428	3,287	3,259	2,594	3,280
71	3,913	3,872	3,735	3,895	3,463	3,545	4,129	3,656	3,603	2,834	3,751
	15.52	14.61	11.64	17.89	11.08	16.11	20.44	11.21	10.53	9.28	14.34
69	16.741	45.275	58.099	45.322	24.760	22.735	22.365	77.618	20.804	7.761	341.480
71	19.027	46.328	61.760	51.418	19.591	25.976	31.425	79.680	22.746	5.547	363.498
	13.66	2.33	6.30	13.45	-20.88	14.26	40.51	2.66	9.33	-28.53	6.45

TABLE 54
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		SOCIAL SCIENCE CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WAL
DIRECT TEACHING	1969	5.51	6.17		7.51				
	1971	6.63	8.18	7.14	8.13	9.70	8.26	8.61	
PERCENT CHANGED		20.15	32.51		8.24				
TOTAL INSTRUCTIONAL	1969	6.64	8.28		8.89				
	1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	
PERCENT CHANGED		23.98	41.13		7.41				
FTE STDNT-FACULTY RATIO	1969	30.29	27.80		23.03				
	1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	2
PERCENT CHANGED		-2.23	-5.10		7.79				
STCHRS / FTE TEACH-FAC	1969	454.33	416.98		345.39				
	1971	444.21	395.70	403.09	372.31	336.65	320.07	322.55	3
PERCENT CHANGED		-2.23	-5.10		7.79				
STUDENT CRHRS PRODUCED	1969	2,283	2,313		2,081				
	1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2
PERCENT CHANGED		8.28	9.73		22.10				
WEIGHTED AVG. CLASS SIZE	1969	30	26		24				
	1971	27	28	28	26	23	21	22	
PERCENT CHANGED		-9.61	9.54		4.74				
AVG. SALARY/FTE TEACH	1969	2,505	2,574		2,594				
	1971	2,943	3,237	2,877	3,026	3,266	2,645	2,777	3
PERCENT CHANGED		17.50	25.77		16.67				
NO. OF FTE TEACHING FAC.	1969	5.025	5.547		6.025				
	1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5
PERCENT CHANGED		10.75	15.63		13.28				

TABLE 54
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

	SOCIAL SCIENCE			TOTAL ALL LEVELS						
	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
1969	5.51	6.17		7.51					6.36	7.04
1971	6.63	8.16	7.14	8.13	9.70	8.26	8.61	8.46	7.84	8.30
	20.15	32.51		8.24					23.24	17.98
1969	6.64	8.28		8.89					7.91	9.96
1971	8.23	11.69	7.61	9.55	10.72	17.32	9.36	9.76	9.68	12.14
	23.98	41.13		7.41					22.4	21.92
1969	30.29	27.80		23.03					26.82	30.97
1971	29.61	26.38	26.87	24.82	22.44	21.34	21.50	25.21	26.17	30.00
	-2.23	-5.10		7.79					-2.44	-3.13
1969	454.33	416.98		345.39					402.30	461.41
1971	444.21	395.70	403.09	372.31	336.65	323.07	322.55	378.11	392.47	446.46
	-2.23	-5.10		7.79					-2.44	-3.24
1969	2,283	2,313		2,081					6,677	165,219
1971	2,472	2,538	1,173	2,541	1,218	579	1,167	2,052	9,742	173,596
	8.28	9.73		22.10					48.90	5.07
1969	30	26		24					27	33
1971	27	28	28	26	23	21	22	25	27	31
	-9.61	9.54		4.74					-.72	-4.26
1969	2,505	2,574		2,594					2,560	3,247
1971	2,943	3,237	2,877	3,026	3,266	2,645	2,777	3,230	3,078	3,707
	17.50	25.77		16.67					20.25	14.17
1969	5.025	5.547		6.025					16.597	358.077
1971	5.565	6.414	2.910	6.825	3.618	1.809	3.618	5.427	25.332	388.830
	10.75	15.63		13.28					52.63	8.59

TABLE 55
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES APSU	ETSU	MSU	MTSU	LEVEL 1 TSU	LOWER LEVEL TTU	UT CHATT.	K
DIRECT TEACHING	1969	7.13	8.21	7.41	6.20	7.18	6.99	10.07	
	1971	9.03	9.60	7.85	8.49	9.01	7.77	10.70	
PERCENT CHANGED		26.70	16.96	5.88	3.59	11.49	11.23	6.27	1
TOTAL INSTRUCTIONAL	1969	9.61	12.32	13.81	13.48	12.33	11.07	13.20	1
	1971	12.55	13.94	13.93	14.48	12.41	11.86	14.85	1
PERCENT CHANGED		30.53	13.12	.83	7.42	.62	7.10	12.50	
FTE STDNT-FACULTY RATIO	1969	29.21	24.99	25.34	24.71	28.22	28.00	22.06	2
	1971	24.61	25.69	27.53	27.61	27.70	28.41	23.78	2
PERCENT CHANGED		-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-
STCRHRS / FTE TEACH-FAC	1969	438.11	374.83	380.07	370.58	423.25	419.95	330.92	44
	1971	369.19	385.41	412.94	414.18	415.43	426.21	356.64	40
PERCENT CHANGED		-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-
STUDENT CRHRS PRODUCED	1969	29,486	78,370	135,141	69,162	46,430	55,821	37,205	201
	1971	32,139	78,864	142,171	69,505	42,281	58,523	45,773	189
PERCENT CHANGED		9.00	.63	5.20	.50	-8.94	4.84	23.03	-
WEIGHTED AVG. CLASS SIZE	1969	31	29	29	28	26	30	27	
	1971	30	28	31	28	24	30	29	
PERCENT CHANGED		-2.22	-3.74	5.30	2.12	-5.10	-1.99	6.91	-2
AVG. SALARY/FTE TEACH	1969	3,123	3,076	2,817	3,037	3,040	2,934	3,333	2
	1971	3,335	3,700	3,241	3,516	3,327	3,312	3,818	2
PERCENT CHANGED		6.79	20.27	15.03	15.77	9.44	12.88	14.54	
NO. OF FTE TEACHING FAC.	1969	67.303	209.079	355.567	186.630	109.699	132.922	112.430	453
	1971	87.054	204.522	344.289	167.814	101.776	137.309	128.346	470
PERCENT CHANGED		29.35	-2.13	-3.17	-10.08	-7.22	3.30	14.16	

TABLE 55
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES — LEVEL 1 LOWER LEVEL

	APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
69	7.13	8.21	7.41	5.20	7.18	6.99	10.07	6.24	8.64	12.08	7.46
71	9.03	9.60	7.85	8.49	9.01	7.77	10.70	7.16	10.11	8.95	8.34
	26.70	16.96	5.88	3.59	11.49	11.23	6.27	14.68	16.96	-25.88	11.72
69	9.61	12.32	13.81	13.48	12.33	11.07	13.20	12.24	11.12	26.37	12.61
71	12.55	13.94	13.93	14.48	12.41	11.86	14.85	12.75	14.82	13.49	13.47
	30.53	13.12	.83	7.42	.62	7.10	12.50	4.18	33.22	-48.84	6.83
69	29.21	24.99	25.34	24.71	28.22	28.00	22.06	29.56	23.48	14.22	26.23
71	24.61	25.69	27.53	27.61	27.70	28.41	23.78	26.81	22.85	22.00	26.31
	-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.30	-2.70	54.74	.33
69	438.11	374.83	380.07	370.58	423.25	419.95	330.92	443.35	352.17	213.26	393.41
71	369.19	385.41	412.94	414.18	415.43	426.21	356.64	402.11	342.68	330.06	394.71
	-15.73	2.82	8.65	11.76	-1.85	1.49	7.77	-9.30	-2.70	54.76	.33
69	29,486	78,370	135,141	69,162	46,430	55,821	37,205	201,117	48,919	8,074	709,726
71	32,139	78,864	142,171	69,505	42,281	58,523	45,773	189,187	50,853	13,963	723,259
	9.00	.63	5.20	.50	-8.94	4.84	23.03	-5.93	3.95	72.92	1.91
69	31	29	29	28	26	30	27	33	33	17	30
71	30	28	31	28	24	30	29	23	27	27	27
	-2.22	-3.74	5.30	2.12	-5.10	-1.99	6.91	-28.54	-17.37	54.77	-8.93
69	3,123	3,076	2,817	3,037	3,040	2,934	3,333	2,768	3,043	2,576	2,936
71	3,335	3,700	3,241	3,516	3,327	3,312	3,818	2,879	3,463	2,955	3,291
	6.79	20.27	15.03	15.77	9.44	12.88	14.54	4.02	13.80	14.69	12.10
69	67.303	209.079	355.567	186.630	109.699	132.922	112.430	453.629	138.906	37.864	1,804.029
71	87.054	204.622	344.289	167.814	101.776	137.309	128.346	470.484	148.348	42.305	1,832.397
	29.35	-2.13	-3.17	-10.08	-7.22	3.30	14.16	3.72	6.83	11.73	1.57

TABLE 55
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES CLEV.	COL.	OVERS.	JACK.	LEVEL I LOWER LEVEL MUTLOW	ROANE	VOL.	MA
DIRECT TEACHING	1969	7.65	8.20		10.34				
	1971	8.65	9.30	10.21	10.66	9.03	9.99	13.60	
PERCENT CHANGED		13.12	13.34		3.14				
TOTAL INSTRUCTIONAL	1969	12.92	12.58		14.63				
	1971	12.64	15.67	13.44	15.51	12.98	17.54	13.75	
PERCENT CHANGED		-2.19	24.55		6.03				
FTE STDNT-FACULTY RATIO	1969	21.74	20.63		17.11				
	1971	21.84	21.54	17.91	18.75	20.81	17.36	16.97	
PERCENT CHANGED		.46	4.42		9.53				
STCHRS / FTE TEACH-FAC	1969	326.06	309.43		256.71				
	1971	327.57	323.10	268.63	281.17	312.14	260.38	254.50	3
PERCENT CHANGED		.46	4.42		9.53				
STUDENT CRHRS PRODUCED	1969	17,486	15,762		13,465				
	1971	22,613	18,287	8,437	15,672	10,412	9,664	7,188	1
PERCENT CHANGED		29.32	16.02		12.22				
WEIGHTED AVG. CLASS SIZE	1969	25	22		20				
	1971	24	23	20	20	22	19	18	
PERCENT CHANGED		-6.96	2.89		.12				
AVG. SALARY/FTE TEACH	1969	2,494	2,538		2,653				
	1971	2,834	3,005	2,743	2,997	2,818	2,631	2,699	
PERCENT CHANGED		13.64	18.36		12.98				
NO. OF FTE TEACHING FAC.	1969	53,628	50,939		54,401				
	1971	69,033	56,598	31,407	55,739	33,357	14,272	28,234	3
PERCENT CHANGED		28.73	11.11		2.46				

TABLE 55
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES — LEVEL I — LOWER LEVEL

CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
7.65	8.25		10.34					8.63	7.54
8.65	9.30	10.21	10.66	9.03	9.99	10.60	8.71	9.45	8.44
13.12	13.34		3.14					9.54	12.04
12.92	12.58		14.63					13.31	12.65
17.64	15.67	13.44	15.51	12.98	17.56	13.75	11.18	14.11	13.53
-2.19	24.55		6.03					5.97	6.93
21.74	20.63		17.11					19.80	25.71
21.84	21.54	17.91	18.75	20.81	17.36	16.97	21.55	20.43	25.62
.46	4.42		9.53					3.17	-.35
326.06	309.43		256.71					297.00	385.60
327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17	306.42	384.25
.46	4.42		9.53					3.17	-.35
17,486	15,762		13,965					47,213	756,939
22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426	75,421	798,680
29.32	16.02		12.22					59.75	5.51
25	22		20					22	29
24	23	20	20	22	19	18	22	22	26
-6.98	2.89		.12					-2.67	-9.12
2,494	2,538		2,653					2,563	2,905
2,834	3,005	2,743	2,997	2,818	2,631	2,699	2,813	2,896	3,244
13.64	18.36		12.98					13.03	11.66
53,628	50,939		54,401					158,968	1,962,997
69,033	66,598	31,407	55,739	33,357	14,272	28,234	38,450	246,134	2,078,531
28.73	11.11		2.46					54.83	5.89

TABLE 56
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES APSU	ETSU	MSU	MTSU	LEVEL 2 UPPER LEVEL TSU	TTU	UT CHATT.	UT KNOX
DIRECT TEACHING	1969	12.55	14.62	11.31	12.51	10.20	11.19	18.33	10.3
	1971	13.47	15.13	13.43	11.67	13.39	13.61	18.55	12.2
PERCENT CHANGED		7.29	3.47	18.70	-6.76	31.29	21.61	1.20	17.8
TOTAL INSTRUCTIONAL	1969	16.91	21.26	20.16	18.05	17.47	19.64	22.33	22.1
	1971	17.97	21.47	22.61	18.00	20.02	22.13	24.11	21.6
PERCENT CHANGED		6.22	.99	12.19	-.28	14.57	12.66	7.94	-2.3
FTE STDNT-FACULTY RATIO	1969	19.01	15.59	21.58	19.03	22.18	20.49	13.83	24.3
	1971	19.57	17.81	20.36	23.72	18.76	19.20	14.61	21.9
PERCENT CHANGED		2.92	14.28	-5.67	24.63	-15.43	-6.27	5.66	-9.7
STCHRS / FTE TEACH-FAC	1969	285.15	233.79	323.71	285.46	332.76	307.32	207.37	364.7
	1971	293.48	267.19	305.37	355.78	281.40	288.06	219.13	329.1
PERCENT CHANGED		2.92	14.29	-5.67	24.63	-15.43	-6.27	5.67	-9.7
STUDENT CRHRS PRODUCED	1969	15,133	29,865	54,324	34,435	20,912	27,983	8,077	91,11
	1971	16,708	35,620	57,529	45,755	18,225	26,224	12,482	98,97
PERCENT CHANGED		10.41	19.27	5.90	32.87	-12.85	-6.29	54.54	8.6
WEIGHTED AVG. CLASS SIZE	1969	17	16	21	20	18	21	15	2
	1971	18	18	21	19	15	20	16	2
PERCENT CHANGED		7.47	8.57	.51	-6.90	-15.56	-6.26	5.77	-2.6
AVG. SALARY/FTE TEACH	1969	3,579	3,418	3,661	3,572	3,393	3,439	3,800	3,79
	1971	3,952	4,042	4,100	4,151	3,767	3,920	4,064	4,03
PERCENT CHANGED		10.42	18.25	11.98	16.21	11.03	13.99	6.93	6.3
NO. OF FTE TEACHING FAC.	1969	53.070	127.744	167.818	120.629	62.844	91.055	38.949	249.82
	1971	56.931	133.312	188.392	128.604	64.766	91.037	56.963	300.69
PERCENT CHANGED		7.28	4.36	12.26	6.61	3.06	-.02	46.25	20.3

TABLE 56
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES LEVEL 2 UPPER LEVEL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT VASH.	TOTAL
2.55	14.62	11.31	12.51	10.20	11.19	18.33	10.39	12.93	18.84	11.82
3.47	15.13	13.43	11.67	13.39	13.61	18.55	12.25	13.31	12.27	13.20
7.29	3.47	18.70	-6.76	31.29	21.61	1.20	17.82	2.45	-34.88	11.65
6.91	21.26	20.16	18.05	17.47	19.64	22.33	22.14	17.06	35.65	20.30
7.97	21.47	22.61	18.00	20.02	22.13	24.11	21.69	19.85	18.27	21.02
6.22	.99	12.19	-.28	14.57	12.66	7.94	-2.03	16.35	-48.74	3.56
9.01	15.59	21.58	19.03	22.18	20.49	13.83	24.31	18.11	8.81	20.18
9.57	17.81	20.36	23.72	18.76	19.20	14.61	21.95	19.23	16.79	20.23
2.92	14.28	-5.67	24.63	-15.43	-6.27	5.66	-9.73	6.19	90.48	.25
5.15	233.79	323.71	285.46	332.76	307.32	207.37	364.70	271.60	132.19	302.67
3.48	267.19	305.37	355.78	281.40	288.06	219.13	329.19	288.43	251.86	303.42
2.92	14.29	-5.67	24.63	-15.43	-6.27	5.67	-9.74	6.20	90.53	.25
,133	29,865	54,324	34,435	20,912	27,983	8,077	91,112	14,579	3,228	299,648
,708	35,620	57,529	45,755	18,225	26,224	12,482	98,973	17,139	4,546	333,201
0.41	19.27	5.90	32.87	-12.85	-6.29	54.54	8.63	17.56	40.83	11.20
17	16	21	20	18	21	15	21	21	12	20
18	18	21	19	15	20	16	21	19	16	19
7.47	8.57	.51	-6.90	-15.56	-6.25	5.77	-2.61	-9.16	31.18	-2.13
,579	3,418	3,661	3,572	3,393	3,439	3,800	3,790	3,512	2,490	3,578
,952	4,042	4,100	4,151	3,767	3,920	4,064	4,031	3,840	3,089	4,005
0.42	18.25	11.98	16.21	11.03	13.99	6.93	6.36	9.32	24.05	11.94
,070	127.744	167.818	120.629	62.844	91.055	38.949	249.826	53.678	24.420	990.033
,931	133.312	188.392	128.604	64.766	91.037	56.963	302.659	59.421	18.050	1,098.135
7.28	4.36	12.26	6.61	3.06	-.02	46.25	20.35	10.70	-26.09	10.92

TABLE 57
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES APSU	ETSU	MSU	MTSU	TSU	TTU	LEVELS 5 & 6 MASTERS AND PROFESSIO UT CHATT.
DIRECT TEACHING	1969	30.82	32.63	27.38	28.56	30.10	31.33	54.19
	1971	30.79	29.28	31.10	21.83	21.75	30.51	18.93
PERCENT CHANGED		-.11	-10.26	14.85	-23.56	-27.72	-2.63	-65.06
TOTAL INSTRUCTIONAL	1969	36.24	43.65	43.64	35.74	46.05	44.70	63.87
	1971	43.07	40.73	55.98	28.92	41.38	71.63	24.17
PERCENT CHANGED		18.91	-6.68	28.27	-19.08	-13.14	44.11	-62.28
FTE STDNT-FACULTY RATIO	1969	11.02	9.65	12.83	12.67	11.91	10.42	7.71
	1971	11.98	12.81	12.56	17.43	17.04	11.46	20.29
PERCENT CHANGED		8.68	32.75	-2.14	37.55	44.10	9.96	162.42
STCHRS / FTE TEACH-FAC	1969	132.28	115.81	153.98	152.04	138.08	125.28	92.54
	1971	143.76	153.75	150.66	209.16	204.51	137.54	242.95
PERCENT CHANGED		8.68	32.76	-2.15	37.56	48.11	9.96	162.52
STUDENT CRHRS PRODUCED	1969	1,059	3,838	11,090	2,705	1,188	2,697	510
	1971	1,548	6,325	13,379	5,989	2,684	4,268	896
PERCENT CHANGED		46.18	64.80	20.64	121.40	109.09	58.83	75.69
WEIGHTED AVG. CLASS SIZE	1969	9	7	10	10	8	6	7
	1971	9	9	10	12	12	9	15
PERCENT CHANGED		2.12	24.64	-.63	18.29	56.73	13.67	101.48
AVG. SALARY/FTE TEACH	1969	4,077	3,778	4,170	4,343	4,156	3,919	5,215
	1971	4,426	4,502	4,686	4,566	4,449	4,196	4,599
PERCENT CHANGED		8.56	19.14	12.38	5.14	7.05	7.07	-8.28
NO. OF FTE TEACHING FAC.	1969	8.006	33.141	72.022	17.791	8.604	21.563	5.511
	1971	10.768	41.138	88.801	28.634	12.146	29.577	3.688
PERCENT CHANGED		34.50	24.13	23.30	60.95	41.17	37.17	-33.08

TABLE 57
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES LEVELS 3 & 5 MASTERS AND PROFESSIONAL

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
30.82	32.63	27.08	28.56	30.10	31.33	54.19	24.19	29.00	38.19	26.63
30.79	29.28	31.10	21.83	21.75	30.51	18.93	27.01	18.07	14.97	27.07
-.11	-10.26	14.85	-23.56	-27.72	-2.63	-65.06	11.66	-37.70	-60.81	1.63
36.04	43.65	43.64	35.74	46.05	49.70	60.87	49.63	35.22	62.76	46.97
43.07	40.73	55.98	28.92	41.38	71.63	24.17	60.20	30.87	25.35	52.36
19.51	-6.68	28.27	-19.08	-10.14	44.11	-60.28	21.29	-12.36	-59.60	11.48
11.02	9.65	12.83	12.67	11.51	10.42	7.71	14.62	11.44	7.79	13.04
11.98	12.81	12.56	17.43	17.04	11.46	20.25	14.38	19.37	23.45	14.11
8.68	32.75	-2.16	37.55	48.10	9.96	162.42	-1.65	69.33	200.96	8.16
132.28	115.81	153.98	152.04	138.08	125.08	92.54	175.49	137.23	93.46	156.50
143.76	153.75	150.66	209.16	204.51	137.54	242.95	172.59	232.42	281.39	169.27
8.68	32.76	-2.15	37.56	48.11	9.96	162.52	-1.65	69.37	201.07	8.16
1,059	3,838	11,090	2,705	1,188	2,697	510	29,323	282	210	52,902
1,548	6,325	13,379	5,989	2,484	4,068	896	29,643	1,484	1,728	67,544
46.18	64.80	20.64	121.40	109.09	50.83	75.69	1.09	426.24	722.86	27.68
9	7	10	10	8	8	7	9	10	6	9
9	9	10	12	12	9	15	8	17	12	9
2.12	24.64	-.63	18.29	56.73	10.67	101.48	-6.42	59.18	85.33	4.97
4,077	3,778	4,170	4,343	4,156	3,919	5,015	4,246	3,980	3,569	4,168
4,426	4,502	4,686	4,566	4,449	4,196	4,599	4,663	4,199	4,212	4,582
8.56	19.14	12.38	5.14	7.05	7.07	-8.28	9.82	5.50	18.01	9.93
8.006	23.141	72.022	17.791	8.604	21.563	5.511	167.095	2.055	2.247	338.035
10.768	41.138	88.801	28.634	12.146	29.577	3.688	171.750	6.385	6.141	399.028
34.50	24.13	23.30	60.95	41.17	37.17	-33.08	2.79	210.71	173.30	18.04

TABLE 58
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		ALL TAXONOMIES				LEVEL 4 DOCTORAL			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	K
DIRECT TEACHING	1969			59.48					5
	1971		55.79	71.60	41.58				6
PERCENT CHANGED				20.38					1
TOTAL INSTRUCTIONAL	1969			96.16					11
	1971		59.71	112.96	51.40				12
PERCENT CHANGED				17.47					
FTE STDNT-FACULTY RATIO	1969			6.07					
	1971		8.07	5.86	9.28				
PERCENT CHANGED				-3.44					-
STCHRS / FTE TEACH-FAC	1969			72.87					8
	1971		96.77	70.36	111.30				6
PERCENT CHANGED				-3.44					-
STUDENT CRHRS PRODUCED	1969			384					5
	1971		252	652	259				6
PERCENT CHANGED				69.79					1
WEIGHTED AVG. CLASS SIZE	1969			4					
	1971		4	4	7				
PERCENT CHANGED				3.72					-
AVG. SALARY/FTE TEACH	1969			4,334					5
	1971		5,399	5,037	4,628				5
PERCENT CHANGED				16.24					
NO. OF FTE TEACHING FAC.	1969			5.270					66
	1971		2.604	9.267	2.327				78
PERCENT CHANGED				75.84					1

TABLE 58
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES — LEVEL 4 DOCTORAL

SU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
		59.48					58.50			58.56
	55.79	71.60	41.58				66.47			65.70
		20.38					13.62			12.18
		96.16					112.77			111.73
	59.71	112.96	51.40				123.72			118.16
		17.47					9.71			5.76
		6.07					7.16			7.08
	8.07	5.86	9.28				6.72			6.73
		-3.44					-6.14			-4.87
		72.87					85.90			84.95
	96.77	70.36	111.30				80.61			80.81
		-3.44					-6.15			-4.87
		384					5,738			6,122
	252	652	259				6,361			7,524
		69.79					10.86			22.90
		4					3			3
	4	4	7				3			3
		3.72					-1.64			1.30
		4,334					5,225			4,975
	5,399	5,037	4,628				5,358			5,309
		16.24					6.63			6.73
		5,270					66,800			72,270
	2,604	9,267	2,327				78,908			93,106
		75.84					18.13			29.19

TABLE 59
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

		ALL TAXONOMIES				TOTAL ALL LEVELS			
COST PER STUDENT CREDIT HOUR		APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNO
DIRECT TEACHING	1969	9.47	10.75	9.67	10.11	8.50	9.11	12.02	9.
	1971	11.17	12.35	10.84	10.41	10.11	10.54	12.48	11.
PERCENT CHANGED		17.90	14.86	12.05	2.98	18.89	15.70	3.86	16.
TOTAL INSTRUCTIONAL	1969	12.64	15.77	17.33	15.53	14.48	15.05	15.34	20.
	1971	15.28	17.65	18.92	16.60	15.75	17.63	16.95	21.
PERCENT CHANGED		20.86	11.88	9.19	6.88	8.75	17.14	10.44	8.
FTE STDNT-FACULTY RATIO	1969	23.86	20.37	22.82	21.94	25.33	23.67	19.51	24.
	1971	21.88	21.43	23.60	25.06	23.73	23.22	20.94	22.
PERCENT CHANGED		-8.30	5.23	3.42	14.22	-6.30	-1.90	7.34	-8.
STCHRS / FTE TEACH-FAC	1969	355.81	302.93	336.24	327.03	378.31	352.29	291.87	350.
	1971	325.65	317.18	345.78	371.15	352.51	344.35	312.97	321.
PERCENT CHANGED		-8.48	4.71	2.84	13.49	-6.82	-2.25	7.23	-8.
STUDENT CRHRS PRODUCED	1969	45,678	112,073	204,285	106,302	68,530	86,501	45,792	332,2
	1971	50,395	121,061	220,820	121,508	62,990	88,815	59,151	331,9
PERCENT CHANGED		10.33	8.02	8.09	14.30	-8.08	2.68	29.17	-.
WEIGHTED AVG. CLASS SIZE	1969	23	22	24	24	22	25	23	
	1971	23	22	25	22	20	24	24	
PERCENT CHANGED		.89	-2.14	2.65	-5.76	-8.45	-4.20	5.52	-15.
AVG. SALARY/FTE TEACH	1969	3,371	3,257	3,252	3,307	3,216	3,208	3,508	3,4
	1971	3,638	3,917	3,747	3,865	3,563	3,628	3,907	3,7
PERCENT CHANGED		7.92	20.27	15.23	16.88	10.80	13.10	11.37	6.
NO. OF FTE TEACHING FAC.	1969	128.379	369.364	607.563	325.050	181.147	245.540	156.890	947.3
	1971	154.753	381.676	638.611	327.379	178.688	257.923	188.997	1,034.0
PERCENT CHANGED		20.54	3.17	5.11	.72	-1.36	5.04	20.46	9.

TABLE 59
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES — TOTAL ALL LEVELS

APSU	ETSU	MSU	MTSU	TSU	TTU	UT CHATT.	UT KNOX.	UT MARTIN	UT NASH.	TOTAL
9.47	10.75	9.67	10.11	8.50	9.11	12.02	9.95	9.71	14.45	9.94
11.17	12.35	10.84	10.41	10.11	10.54	12.48	11.63	11.07	10.21	11.22
17.90	14.86	12.05	2.98	18.89	15.70	3.86	16.87	13.94	-29.34	12.89
12.64	15.77	17.33	15.53	14.48	15.05	15.34	20.16	12.58	29.63	17.07
15.28	17.65	18.42	16.60	15.75	17.63	16.95	21.94	16.40	15.58	18.66
20.86	11.88	9.19	6.88	8.75	17.14	10.44	8.80	30.32	-47.43	9.37
23.86	20.37	22.82	21.94	25.33	23.67	19.51	24.09	21.87	11.95	22.63
21.88	21.43	23.60	25.06	23.73	23.22	20.94	22.11	21.74	20.72	22.63
-8.30	5.23	3.40	14.22	-6.30	-1.90	7.34	-8.22	-.60	73.40	
355.81	302.93	336.24	327.03	378.31	352.29	291.87	350.74	327.68	178.41	334.28
325.65	317.18	345.78	371.15	352.51	344.35	312.97	321.00	324.35	304.33	332.98
-8.48	4.71	2.84	13.49	-6.82	-2.25	7.23	-8.48	-1.02	70.58	-.39
45,678	112,073	204,285	106,302	68,530	86,501	45,792	332,283	63,780	11,513	1,076,737
50,395	121,061	220,820	121,508	62,990	88,815	59,151	331,944	69,476	20,237	1,146,397
10.33	8.02	8.09	14.30	-8.08	2.68	29.17	-.10	8.93	75.78	6.47
23	22	24	24	22	25	23	21	29	15	23
23	22	25	22	20	24	24	18	24	22	21
.89	-2.14	2.65	-5.76	-8.45	-4.20	5.52	-15.68	-15.77	41.75	-6.53
3,371	3,257	3,252	3,307	3,216	3,208	3,508	3,491	3,182	2,578	3,323
3,638	3,917	3,747	3,865	3,563	3,628	3,907	3,735	3,590	3,107	3,737
7.92	20.27	15.23	16.88	10.80	13.10	11.37	6.97	12.80	20.52	12.46
128.379	369.364	607.563	325.050	181.147	245.540	156.890	947.377	194.639	64.531	3,221.080
154.753	381.676	638.611	327.379	178.688	257.923	188.997	1,034.086	214.204	66.496	3,442.813
20.54	3.17	5.11	.72	-1.36	5.04	20.46	9.15	10.05	3.05	6.88

TABLE 59
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

COST PER STUDENT CREDIT HOUR		ALL TAXONOMIES CLEV.	COL.	DYERS.	JACK.	TOTAL ALL LEVELS MOTLOW	ROANE	VOL.	WALTERS
DIRECT TEACHING	1969	7.65	8.20		10.34				
	1971	8.65	9.30	10.21	10.66	9.03	9.99	10.69	8.71
PERCENT CHANGED		13.12	13.34		3.14				
TOTAL INSTRUCTIONAL	1969	12.42	12.58		14.63				
	1971	12.64	15.67	13.44	15.51	12.98	17.54	13.75	11.18
PERCENT CHANGED		-2.19	24.55		6.03				
FTE STDNT-FACULTY RATIO	1969	21.74	20.63		17.11				
	1971	21.84	21.54	17.91	18.75	20.81	17.36	16.97	21.55
PERCENT CHANGED		.46	4.42		9.53				
STCRHRS / FTE TEACH-FAC	1969	326.06	309.43		256.71				
	1971	327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17
PERCENT CHANGED		.46	4.42		9.53				
STUDENT CRHRS PRODUCED	1969	17,486	15,762		13,965				
	1971	22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426
PERCENT CHANGED		29.32	16.02		12.22				
WEIGHTED AVG. CLASS SIZE	1969	25	22		20				
	1971	24	23	20	20	22	19	18	22
PERCENT CHANGED		-6.96	2.89		.12				
AVG. SALARY/FTE TEACH	1969	2,494	2,538		2,653				
	1971	2,834	3,005	2,743	2,997	2,818	2,631	2,699	2,813
PERCENT CHANGED		13.64	18.36		12.98				
NO. OF FTE TEACHING FAC.	1969	53.628	50.939		54.401				
	1971	69.033	56.598	31.407	55.739	33.357	14.072	28.234	38.450
PERCENT CHANGED		28.73	11.11		2.46				

TABLE 59
TENNESSEE HIGHER EDUCATION COMMISSION
COMPARISON COST STUDY DATA 1969-1971

ALL TAXONOMIES — TOTAL ALL LEVELS

	CLEV.	COL.	DYERS.	JACK.	MOTLOW	ROANE	VOL.	WALTERS	TOTAL C. C.	TOTAL ALL
69	7.65	8.20		10.34					8.93	9.89
71	8.65	9.30	10.21	10.66	9.03	9.99	10.60	8.71	9.45	11.11
	13.12	13.34		3.14					9.54	12.42
69	12.42	12.58		14.63					13.31	16.91
71	12.64	15.67	13.44	15.91	12.38	17.54	13.75	11.18	14.11	18.38
	-2.19	24.55		8.03					5.97	8.72
69	21.74	20.63		17.11					19.80	22.50
71	21.84	21.54	17.91	18.75	20.81	17.36	16.97	21.55	20.43	22.43
	.46	4.42		9.53					3.17	-.06
69	326.06	309.43		256.71					297.00	332.53
71	327.57	323.10	268.63	281.17	312.14	260.38	254.59	323.17	306.42	331.21
	.46	4.42		9.53					3.17	-.40
69	17,486	15,762		13,965					47,213	1,123,950
71	22,613	18,287	8,437	15,672	10,412	3,664	7,188	12,426	75,421	1,221,818
	29.32	16.02		12.22					59.75	8.71
69	25	22		20					22	23
71	24	23	20	20	22	19	18	22	22	21
	-6.96	2.89		.12					-2.67	-6.31
69	2,494	2,538		2,653					2,563	3,287
71	2,834	3,005	2,743	2,997	2,818	2,631	2,699	2,813	2,996	3,681
	13.64	18.36		12.98					13.03	11.98
69	53.628	50.939		54.401					159.469	3,380.48
71	69.033	56.598	31.407	55.739	33.357	14.072	28.234	38.450	246.134	3,688.947
	28.73	11.11		2.46					54.83	9.14

END